

2018



# Baltimore City Annual HIV Epidemiological Profile

Data reported through June 30, 2019



Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Prevention and Health Services Bureau  
Prevention and Health Promotion Administration  
<http://phpa.health.maryland.gov/OIDEOR/CHSE>  
1-800-358-9001

## **Acknowledgements**

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation (CHSEE). This report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, local health departments, community groups, researchers, and members of the community.

This report was prepared by the following CHSEE staff: Alyssa Arey, Morgan Boyer, James Carrier, Colin Flynn, Molly Gribbin, Trevor Hsu, Amber Lee and Jami Stockdale.

## **Maryland Department of Health Non-Discrimination Statement**

The Maryland Department of Health (MDH) complies with applicable Federal civil right laws and does not discriminate on the basis of race, color, national origin, age, disability in its health programs and activities.

### **English**

Help is available in your language: 410-767-5227 (TTY: 800-735-2258). These services are available for free.

### **Español/Spanish**

Hay ayuda disponible en su idioma: 410-767-5227 (TTY: 800-735-2258). Estos servicios están disponibles gratis.

### **中文/Chinese**

用您的语言为您提供帮助: 410-767-5227 (TTY: 800-735-2258). 这些服务都是免费的

## **Suggested Citation**

Baltimore City Annual HIV Epidemiological Profile 2018. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2019.

# Table of Contents

<b>Section I – Background Information .....</b>	<b>5</b>
HIV/AIDS Reporting Requirements .....	5
For Assistance with HIV/AIDS Reporting.....	5
Limitations in the HIV/AIDS Data .....	5
Changes in Terminology .....	6
Stages of HIV Surveillance .....	7
Laboratory Data .....	7
Sources of Data .....	7
Tabulation of Column Totals .....	8
Data Suppression .....	8
HIV Exposure Categories.....	8
<b>Section II – Trends 1985-2018 .....</b>	<b>9</b>
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019.....	9
Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019.....	10
Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2009-2018, Reported through June 30, 2019.....	11
Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2018, Reported through June 30, 2019.....	12
Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2018, Reported through June 30, 2019.....	14
Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2018, Reported through June 30, 2019.....	16
Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019 .....	18
<b>Section III – Continuum of Care Cascades .....</b>	<b>20</b>
Figure 8 – Prevalence-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore City Residents Aged 13+, Reported through June 30, 2019.....	20
Figure 9 – Diagnosis-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore City Residents Aged 13+, Reported through June 30, 2019.....	21
<b>Section IV – Reported HIV Diagnoses, Among People Aged 13+, by Jurisdiction.....</b>	<b>22</b>
Table 1 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2019 .....	22
Table 2 – Reported AIDS Diagnoses, Among People Aged 13+ During 2018, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2019.....	23
Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2019 .....	24
Table 4 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019 .....	25
Table 5 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019 .....	26
<b>Section V – People Living with Diagnosed HIV by Age .....</b>	<b>27</b>
Table 6 – Reported HIV Diagnoses During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2019 .....	27
Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019.....	27
Table 8 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019.....	27
Table 9 – Viral Load Test Results During 2018 for People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019 .....	28

<b>Section VI – People Aged 13+ Living with Diagnosed HIV by Demographics .....</b>	<b>29</b>
Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019.....	29
Table 11 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019 .....	30
Table 12 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019 .....	31
Table 13 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019.....	32
<b>Section VII – People Living with Diagnosed HIV by Expanded Demographics.....</b>	<b>33</b>
Figure 10 – Population Pyramids of Total People Living with Diagnosed HIV, by Age on December 31, 2018, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019 .....	33
Table 14 – Total Males Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019 .....	34
Table 15 – Total Females Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019.....	35
<b>Section VIII – HIV Exposure Category .....</b>	<b>36</b>
Figure 11 – Proportion of Total People Aged 13+ Living with Diagnosed HIV, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, Reported through June 30, 2019 .....	36
Table 16 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019 .....	37
Table 17 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019 .....	38
Table 18 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, and Reported through June 30, 2019 .....	39
Table 19 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019 .....	40
Table 20 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019 .....	40
<b>Section IX – Disease Progression and Mortality .....</b>	<b>41</b>
Figure 12 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2017, Reported through June 30, 2019 .....	41
Figure 13 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2017, Reported through June 30, 2019...	43
<b>Section X – Pediatrics .....</b>	<b>45</b>
Figure 14 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2018, Reported through June 30, 2019 .....	45
Table 21 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019 .....	46
Table 22 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2019 .....	47
<b>Glossary of Terms .....</b>	<b>48</b>

## Section I – Background Information

### HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that people living with HIV be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician’s office is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Physicians are required to report infants born to mothers living with HIV within 48 hours to the Maryland Department of Health by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the Maryland Department of Health to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland Department of Health, by mailing the State of Maryland HIV/CD4 Laboratory Reporting Form (DHMH 4492). Laboratories are encouraged to contact the Maryland Department of Health to establish electronic reporting.

Reporting forms and instructions, including mailing addresses and phones numbers, are available on our website: <https://phpa.health.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx>

### For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Maryland Department of Health, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

### Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people receiving medical care, often only at facilities in Maryland, and only includes information that has been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

**HIV Incidence:** The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.2 percent for the United States and 13.8 percent for Maryland in 2016. Using the CDC CD4 depletion model on Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 11.6 percent in 2017.

**Maryland Residence:** This epidemiological profile provides estimates of people living with diagnosed HIV in Maryland by their residence as of December 31, 2018. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years

presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care during the most recent ten and a half years. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates.

Maryland Residence – Correctional Facilities: People living with diagnosed HIV who were reported to be residing in a state or federal prison as of December 31, 2018 will be presented in the Maryland epidemiological profile only. For surveillance purposes, pre- or post-incarceration residential addresses are used for people living with diagnosed HIV who were incarcerated in local jails and detention centers. Individuals diagnosed or previously identified as residing in a correctional facility, whose most recent reported residential address indicates they were not residing in a state/federal correctional facility as of December 31, 2018, are included with estimates of people who are not incarcerated. The movement of persons between Maryland correctional facilities is not reflected in this report.

Gender Identity: This epidemiological profile describes gender expansive people that have been diagnosed with HIV by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2018. Historically, it has been difficult to fully present data by gender identity. Data on gender expansive people has been limited in the Maryland Department of Health’s Enhanced HIV/AIDS Reporting System (eHARS). No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number gender expansive people living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Race/Ethnicity: The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity. This report may be overreporting the number of Multiracial people living with diagnosed HIV because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

Foreign-Born Maryland Residents: The completeness of reporting a person’s country of birth is variable in surveillance data. Not all agencies collect or have complete data on nativity. In addition, some individuals may immigrate to the U.S. with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

Mortality: Mortality (death) data is presented in this epidemiological profile. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

Viral Suppression: In this epidemiological profile, viral suppression is defined as the most recent viral load measured in the specified year of less than 200 copies per milliliter. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

## Changes in Terminology

The terminology for HIV and AIDS surveillance data was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and People Living with Diagnosed HIV replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both newly and previously diagnosed individuals as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, reports received through a certain time (six months after December 31<sup>st</sup> of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the

Reported HIV Diagnoses for 2018 are the total number of people diagnosed with HIV from January 1, 2018 to December 31, 2018, as reported by name through June 30, 2019.

To calculate the number of people living with diagnosed HIV, we count all reported diagnoses from the beginning of the epidemic (all new diagnoses each year) and subtract all reported deaths. For example, the total people living with diagnosed HIV on December 31, 2018 are the total reported HIV diagnoses not reported to have died as of December 31, 2018 as reported by name through June 30, 2019.

## Stages of HIV Surveillance

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can contract HIV but never be screened for HIV and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the health department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

An instance of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9] but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV transmission [time point 1].

## Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent. Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, are known as viral suppression. Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

## Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's eHARS, as of June 30, 2019.

Population data by sex, age, and race/ethnicity are from the July 1, 2018 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2017 American Community Survey. This produces a difference in total population due to the different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

## Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

## Data Suppression

In order to protect the confidentiality of people living with diagnosed HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Exposure/risk data is not suppressed due to statistical adjustment resulting in the reporting of estimated or probable risk.

## HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

**MSM/IDU:** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Male-to-male Sexual Contact (MSM):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Injection Drug Use (IDU):** Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

**Heterosexual Contact (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

**Perinatal Exposure:** Any baby born to a woman living with diagnosed HIV.

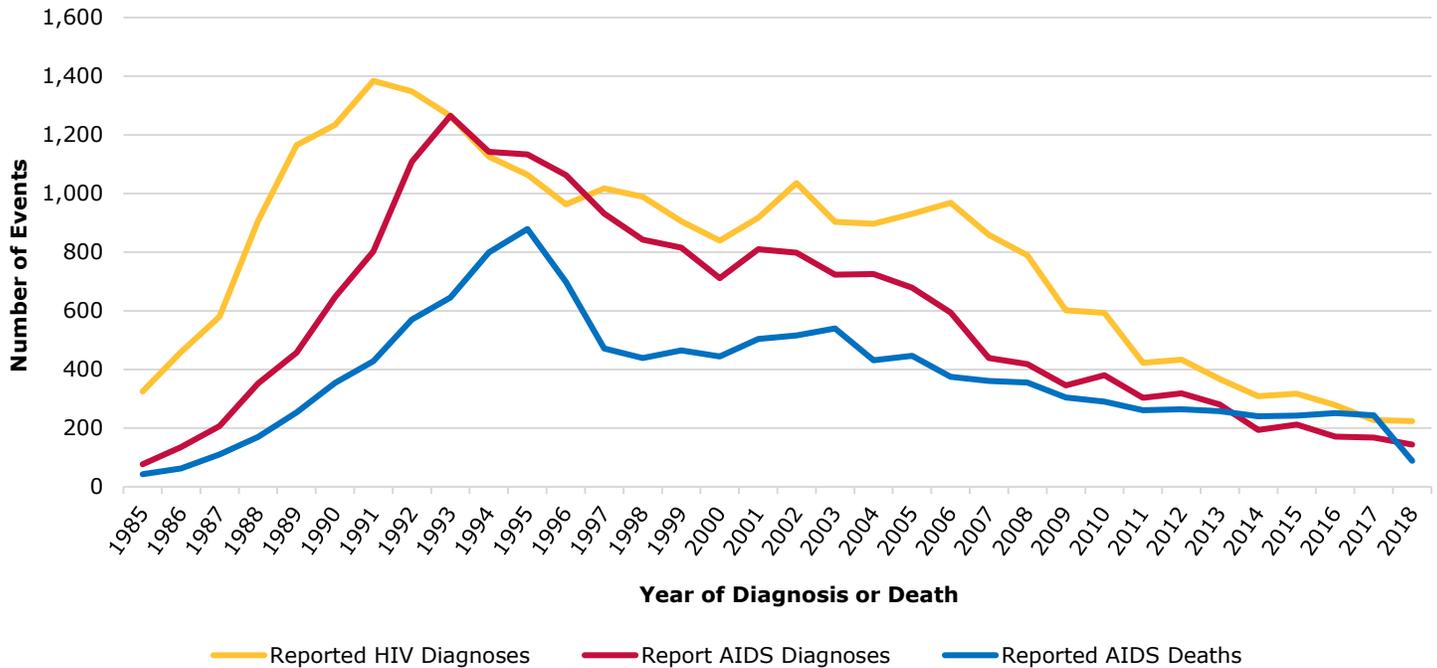
**Other Exposure:** Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual person as well as data in aggregate from other people living with diagnosed HIV in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

## Section II – Trends 1985-2018

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019**

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2018 as Reported through June 30, 2019

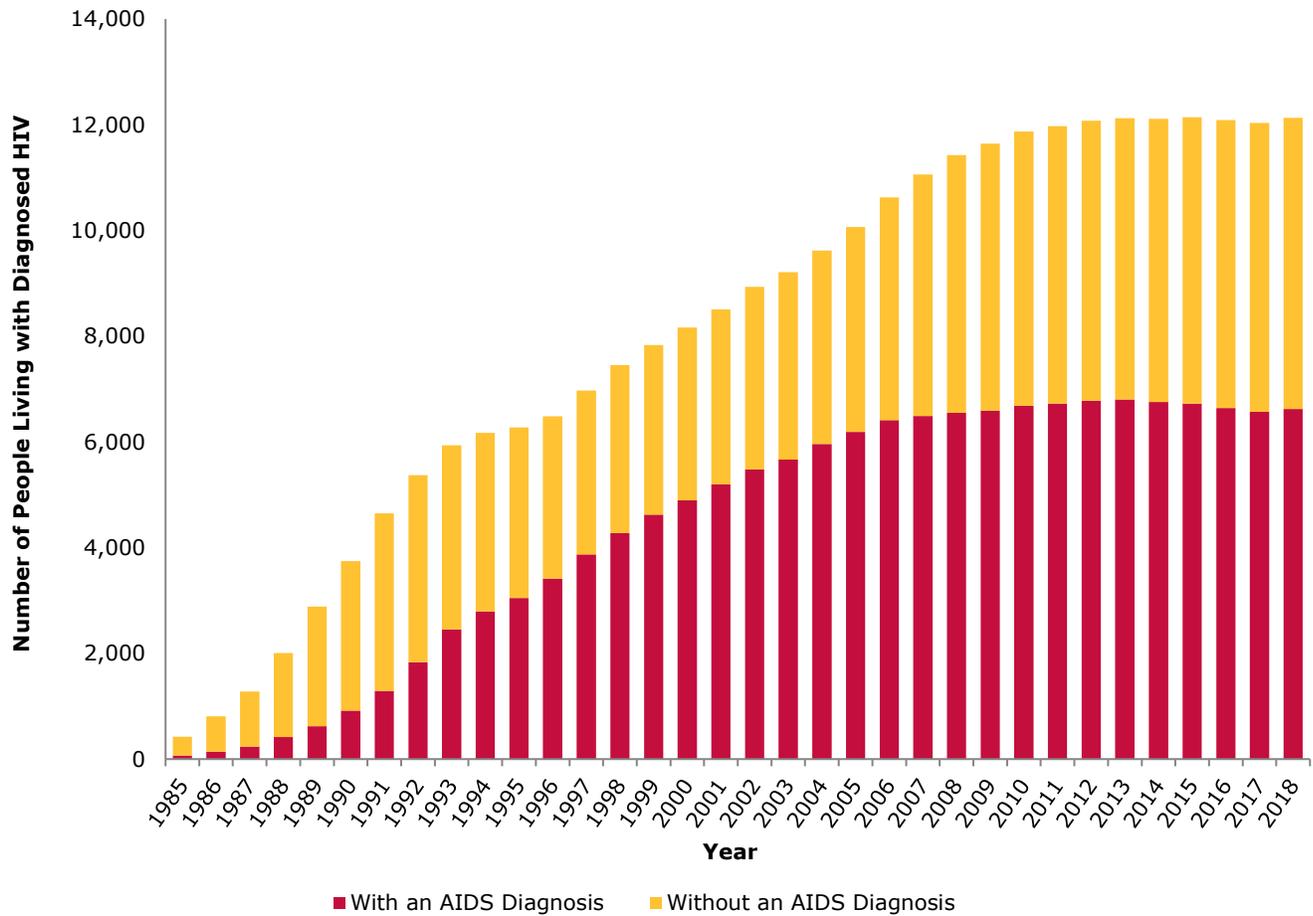


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	165	58	25	2002	1,036	798	516
1985	325	77	43	2003	903	723	540
1986	460	135	63	2004	897	726	431
1987	580	207	110	2005	931	679	447
1988	907	352	170	2006	969	594	375
1989	1,165	458	253	2007	859	439	361
1990	1,234	647	354	2008	789	418	355
1991	1,384	803	428	2009	602	346	305
1992	1,348	1,108	570	2010	593	380	290
1993	1,265	1,265	645	2011	423	303	261
1994	1,126	1,142	799	2012	434	319	264
1995	1,064	1,133	879	2013	367	281	258
1996	963	1,063	698	2014	309	194	241
1997	1,017	932	472	2015	318	212	243
1998	989	843	439	2016	278	171	251
1999	906	816	465	2017*	227	168	244
2000	839	711	445	2018*	224	144	89
2001	918	810	504	<b>Total</b>	26,814	19,455	12,833

\*2017-2018 reported AIDS deaths are preliminary

**Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2018, Reported through June 30, 2019**

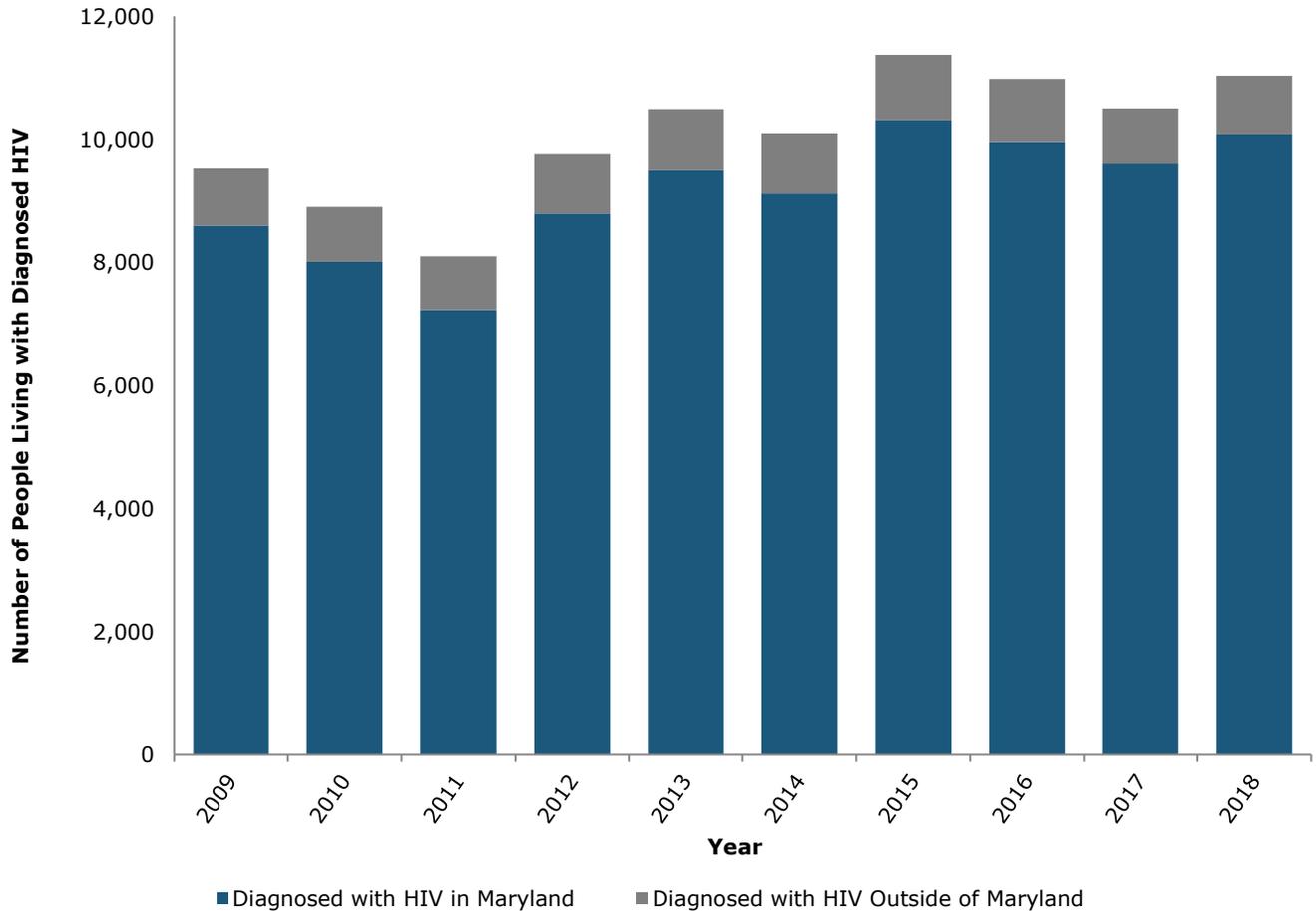
People Living with Diagnosed HIV and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (People Living with Diagnosed HIV without an AIDS Diagnosis, People Living with Diagnosed HIV with an AIDS Diagnosis, and Total People Living with Diagnosed HIV) from 1985 through 2018, as Reported through June 30, 2019



People Living with Diagnosed HIV				People Living with Diagnosed HIV			
Year	without an AIDS Diagnosis	with an AIDS Diagnosis	Total	Year	without an AIDS Diagnosis	with an AIDS Diagnosis	Total
1985	357	67	424	2002	3,454	5,481	8,935
1986	672	139	811	2003	3,550	5,664	9,214
1987	1,043	236	1,279	2004	3,663	5,959	9,622
1988	1,589	418	2,007	2005	3,877	6,191	10,068
1989	2,261	623	2,884	2006	4,213	6,410	10,623
1990	2,829	916	3,745	2007	4,571	6,488	11,059
1991	3,357	1,291	4,648	2008	4,878	6,551	11,429
1992	3,540	1,829	5,369	2009	5,050	6,592	11,642
1993	3,488	2,449	5,937	2010	5,189	6,682	11,871
1994	3,380	2,793	6,173	2011	5,249	6,724	11,973
1995	3,226	3,047	6,273	2012	5,296	6,779	12,075
1996	3,073	3,412	6,485	2013	5,321	6,802	12,123
1997	3,098	3,872	6,970	2014	5,359	6,755	12,114
1998	3,178	4,276	7,454	2015	5,417	6,724	12,141
1999	3,207	4,627	7,834	2016	5,447	6,644	12,091
2000	3,271	4,893	8,164	2017	5,465	6,568	12,033
2001	3,308	5,199	8,507	2018	5,510	6,623	12,133

### Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2009-2018, Reported through June 30, 2019

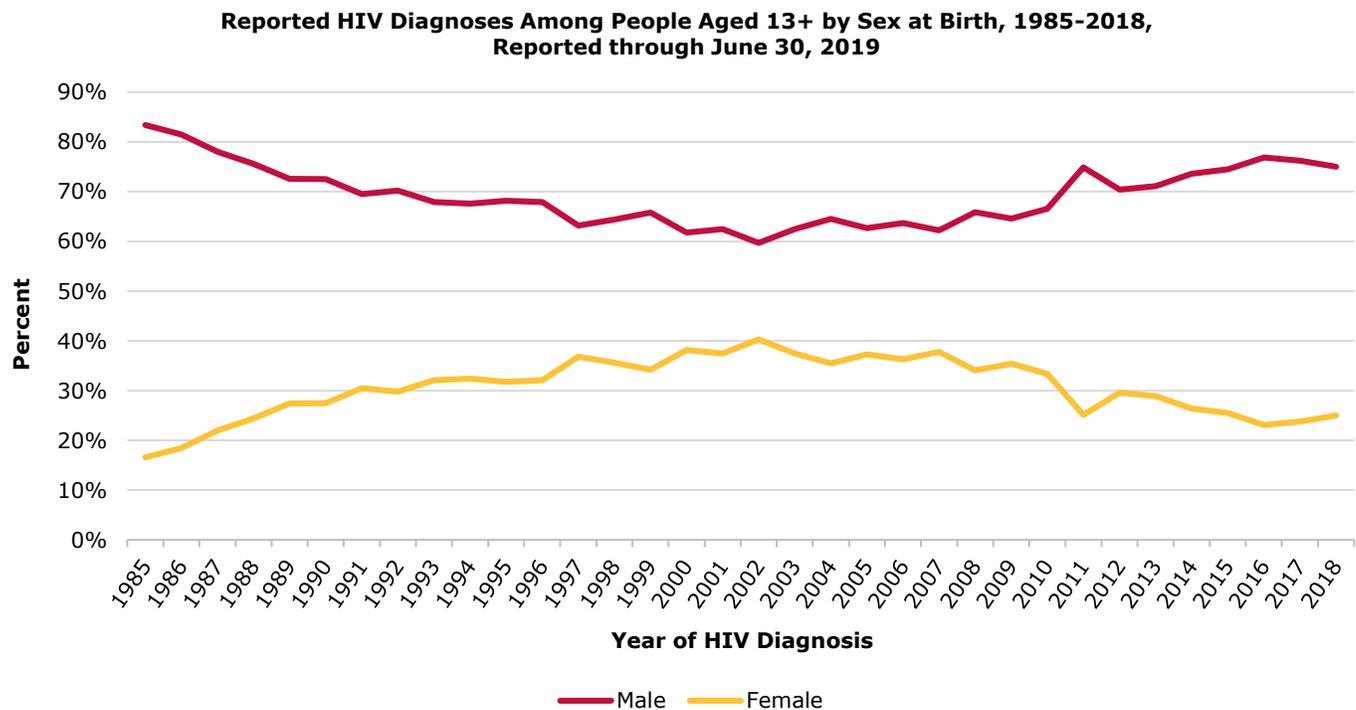
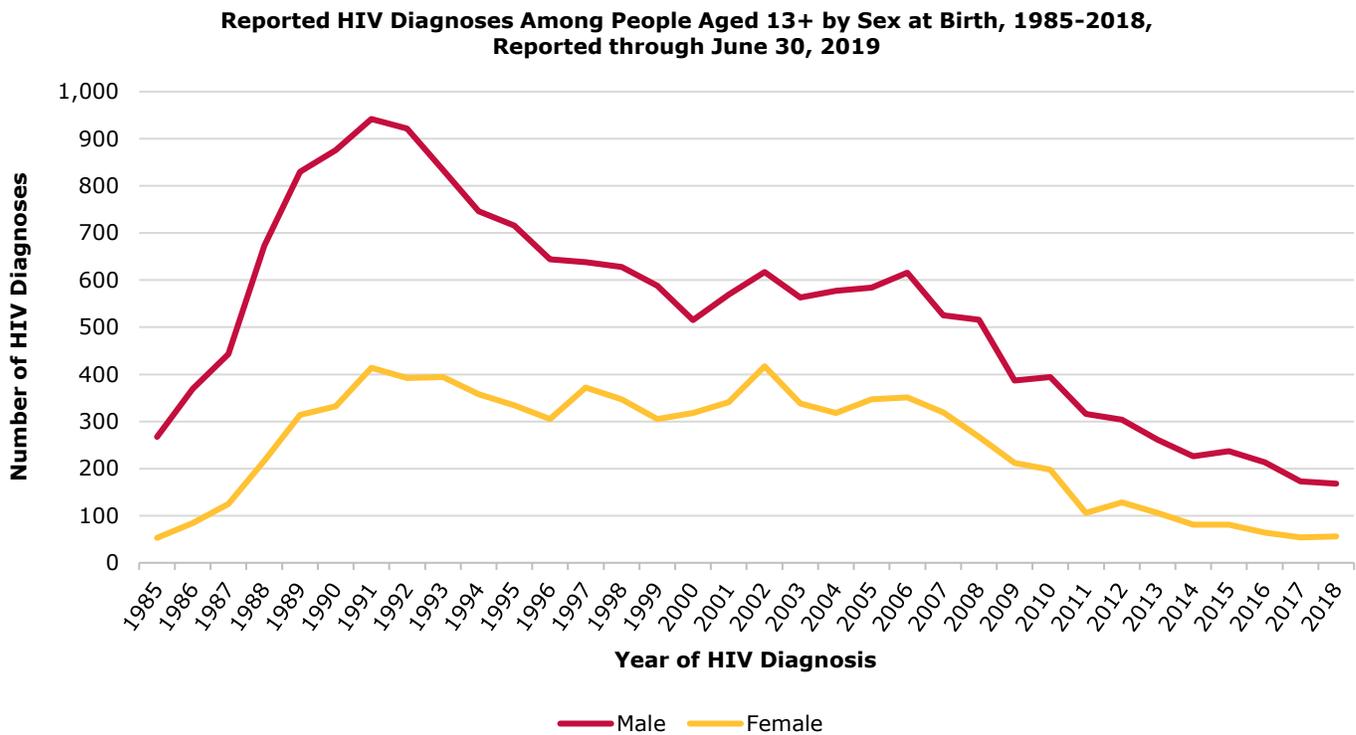
People Living with Diagnosed HIV in Baltimore City and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 2009 through 2018, as Reported through June 30, 2019



Year	Population Age 13+	Baltimore City Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2009	620,509	8,609	930	9,539	1,537.3
2010	621,005	8,006	908	8,914	1,435.4
2011	620,442	7,222	869	8,091	1,304.1
2012	622,973	8,806	962	9,768	1,568.0
2013	622,497	9,505	987	10,492	1,685.5
2014	623,165	9,132	966	10,098	1,620.4
2015	622,150	10,310	1,063	11,373	1,828.0
2016	615,849	9,960	1,024	10,984	1,783.6
2017	609,841	9,616	887	10,503	1,722.3
2018	602,495	10,087	949	11,036	1,831.7

**Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2018, Reported through June 30, 2019**

Number and Percent by Sex at Birth of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

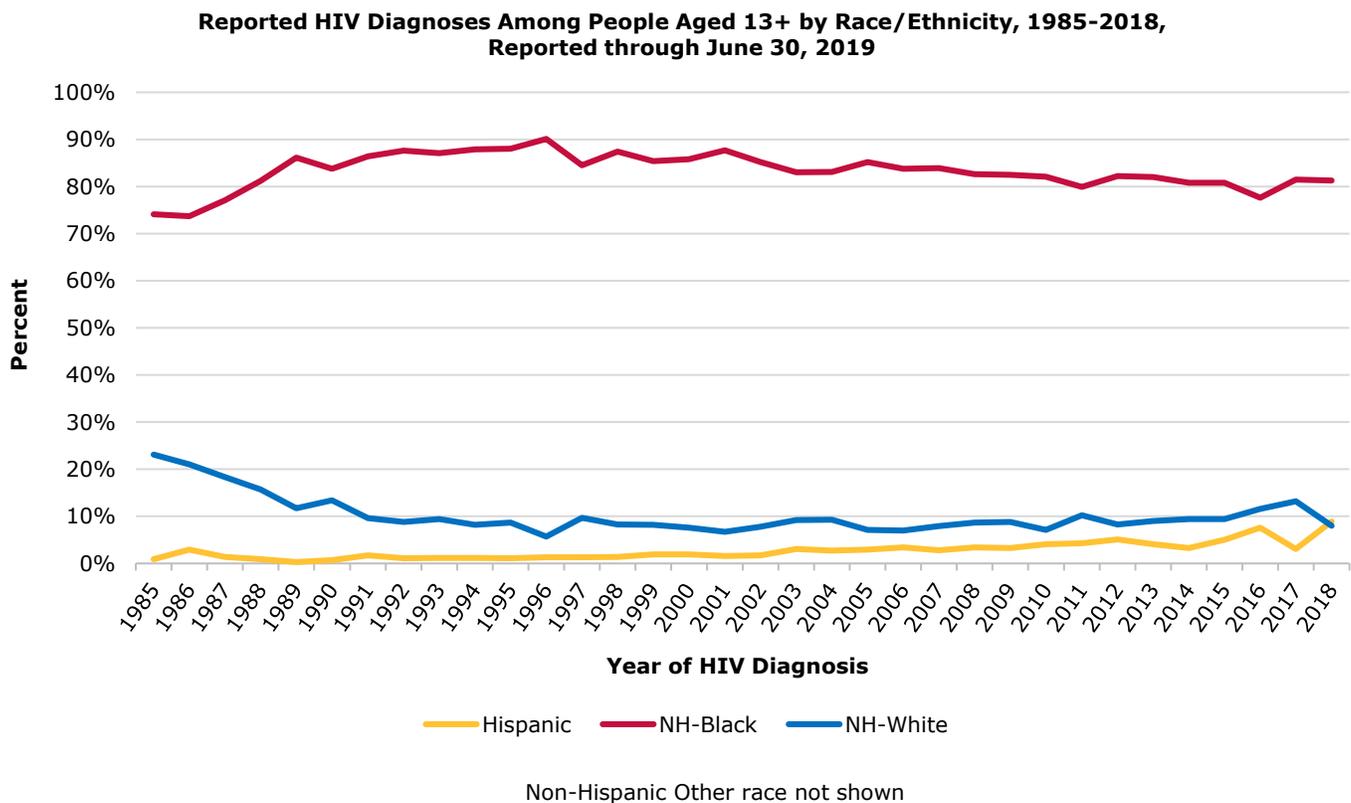
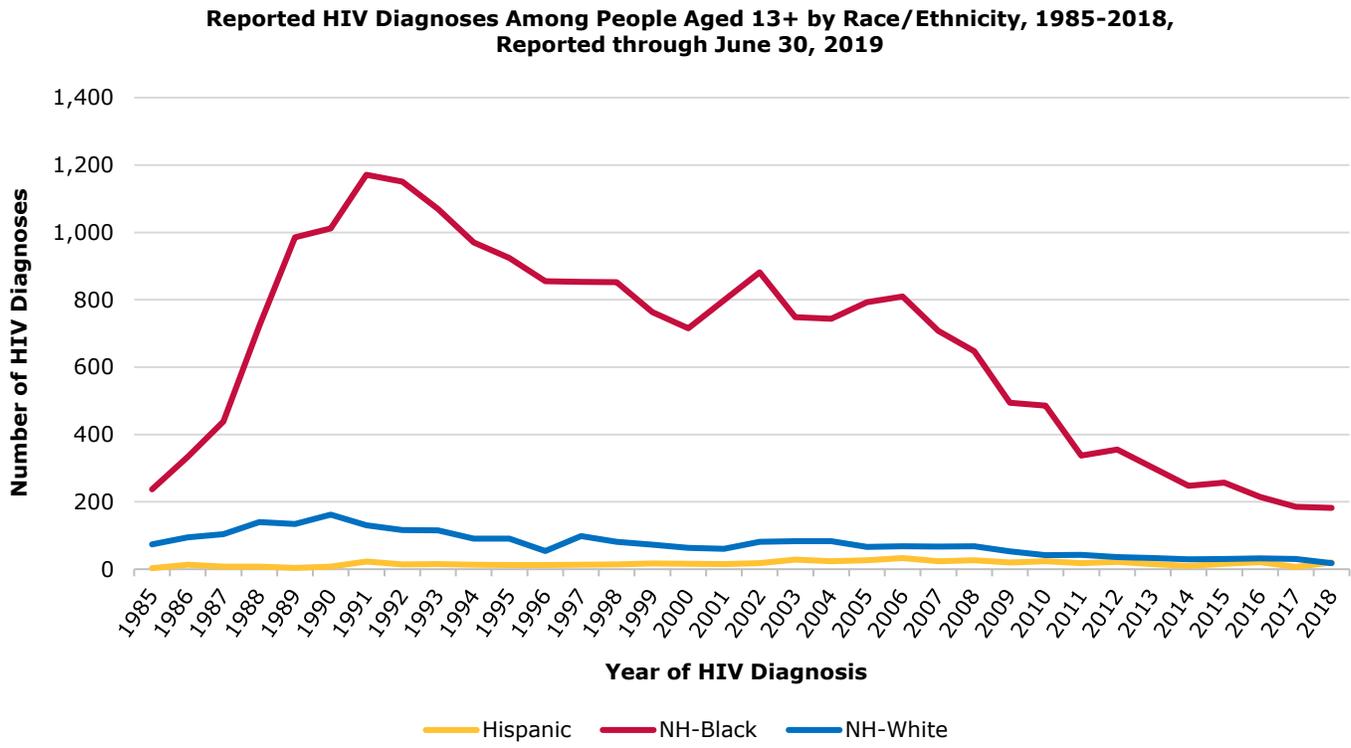


**Reported HIV Diagnoses Among People Aged 13+**

Year of HIV Diagnosis	Number	Sex at Birth			
		Male		Female	
		Number	Percent	Number	Percent
<b>&lt;1985</b>	164	141	86.0%	23	14.0%
<b>1985</b>	320	267	83.4%	53	16.6%
<b>1986</b>	453	369	81.5%	84	18.5%
<b>1987</b>	568	443	78.0%	125	22.0%
<b>1988</b>	890	673	75.6%	217	24.4%
<b>1989</b>	1,144	830	72.6%	314	27.4%
<b>1990</b>	1,208	876	72.5%	332	27.5%
<b>1991</b>	1,356	942	69.5%	414	30.5%
<b>1992</b>	1,314	922	70.2%	392	29.8%
<b>1993</b>	1,228	834	67.9%	394	32.1%
<b>1994</b>	1,104	746	67.6%	358	32.4%
<b>1995</b>	1,050	716	68.2%	334	31.8%
<b>1996</b>	949	644	67.9%	305	32.1%
<b>1997</b>	1,010	638	63.2%	372	36.8%
<b>1998</b>	975	628	64.4%	347	35.6%
<b>1999</b>	893	588	65.8%	305	34.2%
<b>2000</b>	833	515	61.8%	318	38.2%
<b>2001</b>	910	569	62.5%	341	37.5%
<b>2002</b>	1,034	617	59.7%	417	40.3%
<b>2003</b>	901	563	62.5%	338	37.5%
<b>2004</b>	895	577	64.5%	318	35.5%
<b>2005</b>	931	584	62.7%	347	37.3%
<b>2006</b>	967	616	63.7%	351	36.3%
<b>2007</b>	844	525	62.2%	319	37.8%
<b>2008</b>	783	516	65.9%	267	34.1%
<b>2009</b>	599	387	64.6%	212	35.4%
<b>2010</b>	592	394	66.6%	198	33.4%
<b>2011</b>	422	316	74.9%	106	25.1%
<b>2012</b>	432	304	70.4%	128	29.6%
<b>2013</b>	367	261	71.1%	106	28.9%
<b>2014</b>	307	226	73.6%	81	26.4%
<b>2015</b>	318	237	74.5%	81	25.5%
<b>2016</b>	277	213	76.9%	64	23.1%
<b>2017</b>	227	173	76.2%	54	23.8%
<b>2018</b>	224	168	75.0%	56	25.0%
<b>Total</b>	26,489	18,018	68.0%	8,471	32.0%

**Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2018, Reported through June 30, 2019**

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

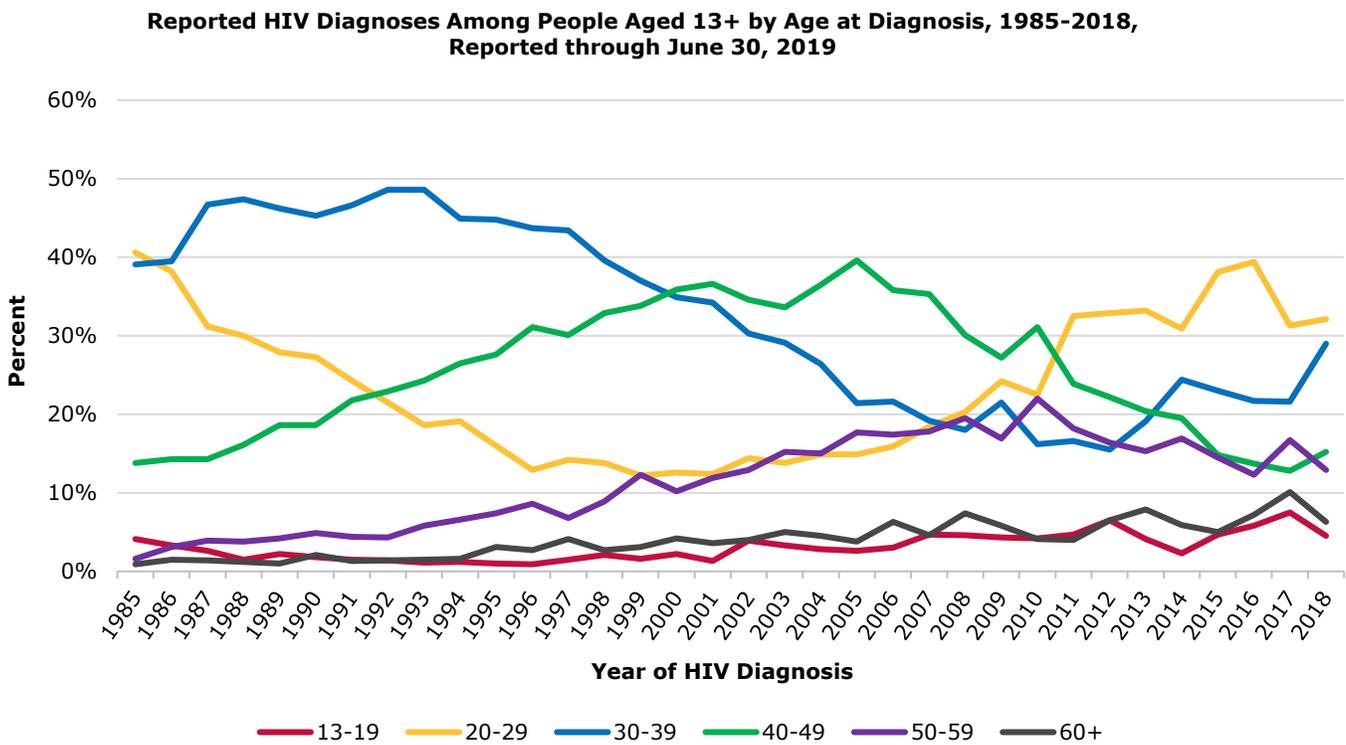
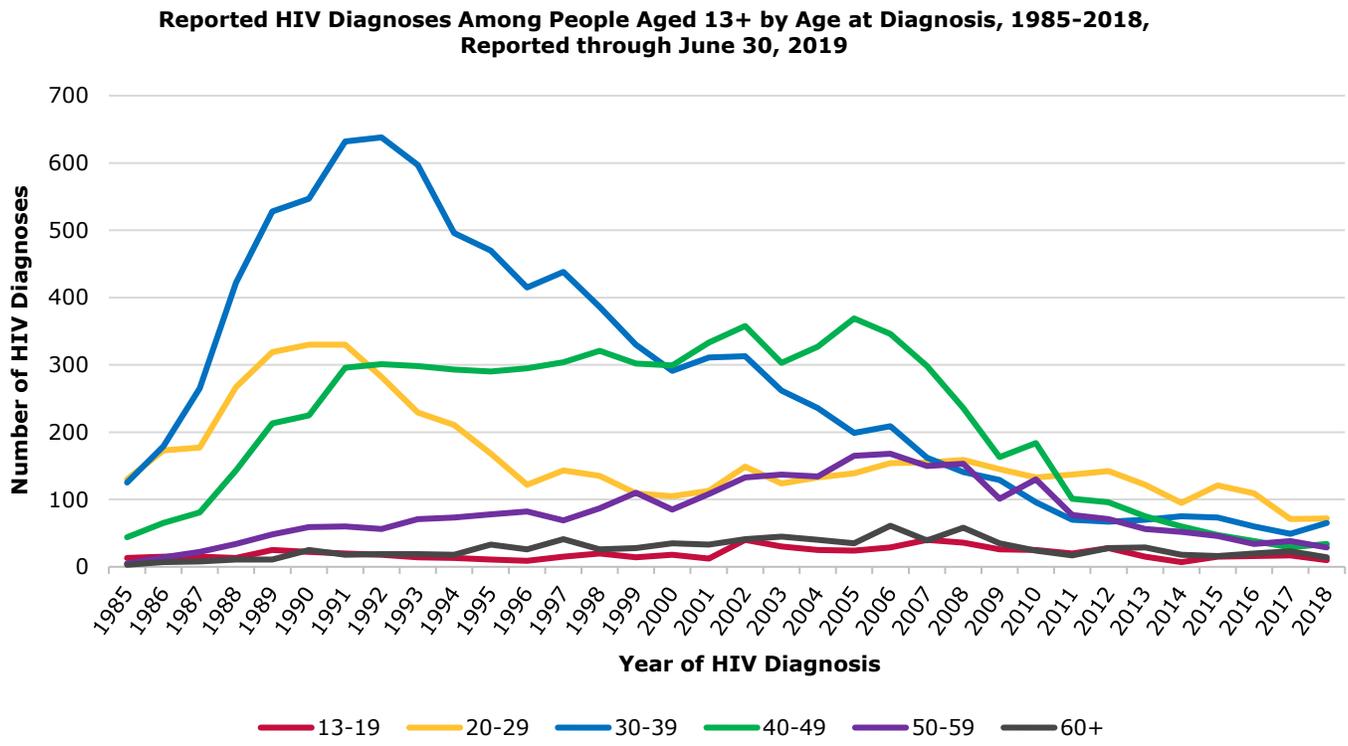


**Reported HIV Diagnoses Among People Aged 13+**

Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<b>&lt;1985</b>	164	4	2.4%	96	58.5%	61	37.2%	3	1.8%
<b>1985</b>	320	3	0.9%	237	74.1%	74	23.1%	6	1.9%
<b>1986</b>	453	13	2.9%	334	73.7%	95	21.0%	11	2.4%
<b>1987</b>	568	8	1.4%	438	77.1%	104	18.3%	18	3.2%
<b>1988</b>	890	8	0.9%	723	81.2%	140	15.7%	19	2.1%
<b>1989</b>	1,144	4	0.3%	985	86.1%	134	11.7%	21	1.8%
<b>1990</b>	1,208	8	0.7%	1,012	83.8%	162	13.4%	26	2.2%
<b>1991</b>	1,356	23	1.7%	1,171	86.4%	130	9.6%	32	2.4%
<b>1992</b>	1,314	14	1.1%	1,151	87.6%	116	8.8%	33	2.5%
<b>1993</b>	1,228	15	1.2%	1,069	87.1%	115	9.4%	29	2.4%
<b>1994</b>	1,104	13	1.2%	970	87.9%	91	8.2%	30	2.7%
<b>1995</b>	1,050	12	1.1%	924	88.0%	91	8.7%	23	2.2%
<b>1996</b>	949	12	1.3%	855	90.1%	54	5.7%	28	3.0%
<b>1997</b>	1,010	13	1.3%	853	84.5%	98	9.7%	46	4.6%
<b>1998</b>	975	14	1.4%	852	87.4%	81	8.3%	28	2.9%
<b>1999</b>	893	17	1.9%	763	85.4%	73	8.2%	40	4.5%
<b>2000</b>	833	16	1.9%	715	85.8%	63	7.6%	39	4.7%
<b>2001</b>	910	15	1.6%	798	87.7%	61	6.7%	36	4.0%
<b>2002</b>	1,034	18	1.7%	881	85.2%	81	7.8%	54	5.2%
<b>2003</b>	901	28	3.1%	748	83.0%	83	9.2%	42	4.7%
<b>2004</b>	895	24	2.7%	744	83.1%	83	9.3%	44	4.9%
<b>2005</b>	931	27	2.9%	793	85.2%	66	7.1%	45	4.8%
<b>2006</b>	967	33	3.4%	810	83.8%	68	7.0%	56	5.8%
<b>2007</b>	844	24	2.8%	708	83.9%	67	7.9%	45	5.3%
<b>2008</b>	783	27	3.4%	647	82.6%	68	8.7%	41	5.2%
<b>2009</b>	599	20	3.3%	494	82.5%	53	8.8%	32	5.3%
<b>2010</b>	592	24	4.1%	486	82.1%	42	7.1%	40	6.8%
<b>2011</b>	422	18	4.3%	337	79.9%	43	10.2%	24	5.7%
<b>2012</b>	432	22	5.1%	355	82.2%	36	8.3%	19	4.4%
<b>2013</b>	367	15	4.1%	301	82.0%	33	9.0%	18	4.9%
<b>2014</b>	307	10	3.3%	248	80.8%	29	9.4%	20	6.5%
<b>2015</b>	318	16	5.0%	257	80.8%	30	9.4%	15	4.7%
<b>2016</b>	277	21	7.6%	215	77.6%	32	11.6%	9	3.2%
<b>2017</b>	227	7	3.1%	185	81.5%	30	13.2%	5	2.2%
<b>2018</b>	224	20	8.9%	182	81.3%	18	8.0%	4	1.8%
<b>Total</b>	26,489	566	2.1%	22,337	84.3%	2,605	9.8%	981	3.7%

**Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2018, Reported through June 30, 2019**

Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019

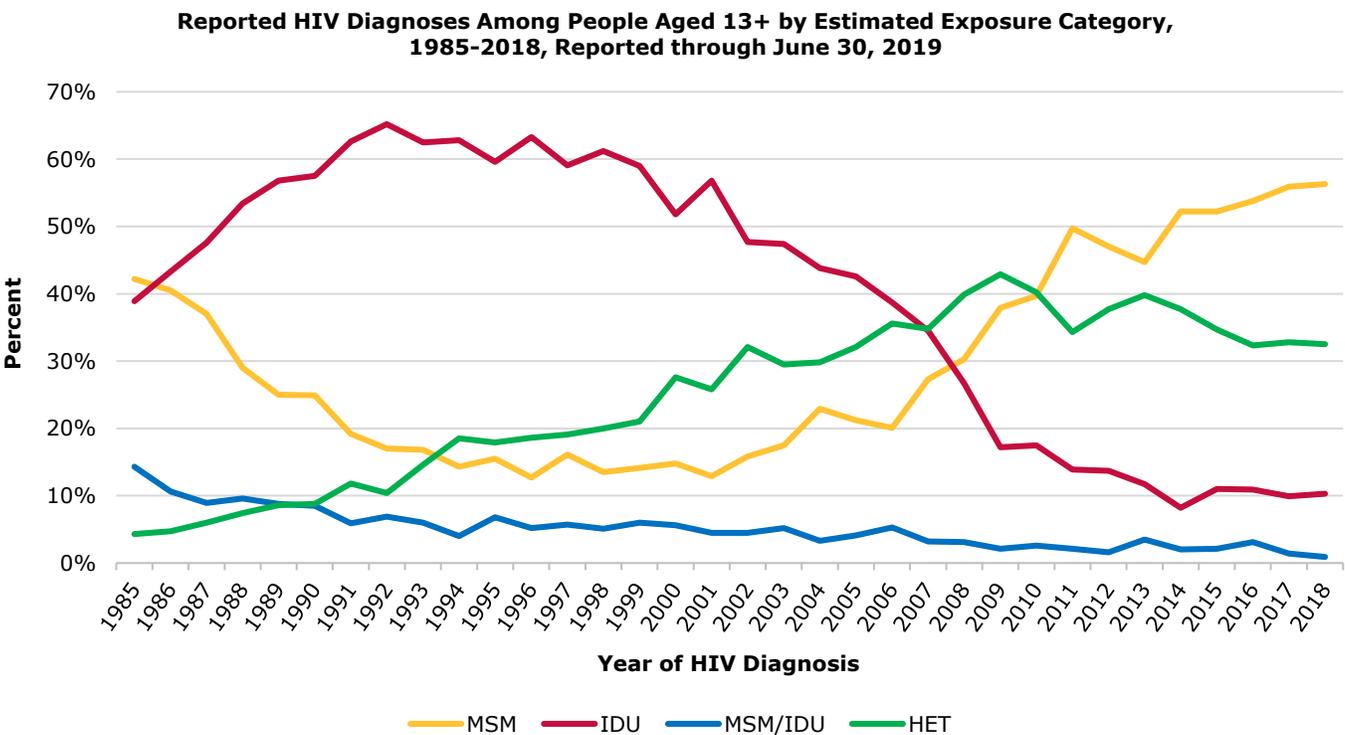
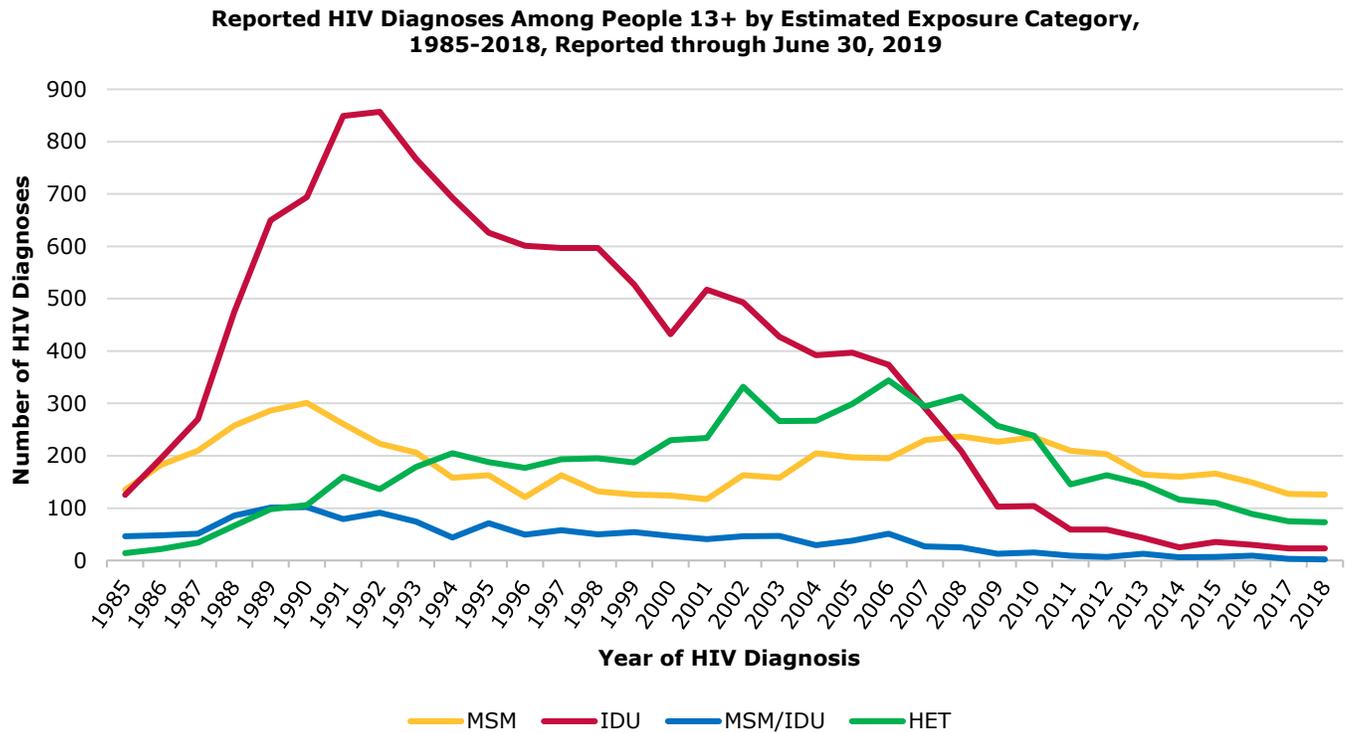


**Reported HIV Diagnoses Among People Aged 13+**

Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>&lt;1985</b>	164	9	5.5%	72	43.9%	52	31.7%	21	12.8%	9	5.5%	1	0.6%
<b>1985</b>	320	13	4.1%	130	40.6%	125	39.1%	44	13.8%	5	1.6%	3	0.9%
<b>1986</b>	453	15	3.3%	173	38.2%	179	39.5%	65	14.3%	14	3.1%	7	1.5%
<b>1987</b>	568	15	2.6%	177	31.2%	265	46.7%	81	14.3%	22	3.9%	8	1.4%
<b>1988</b>	890	13	1.5%	267	30.0%	422	47.4%	143	16.1%	34	3.8%	11	1.2%
<b>1989</b>	1,144	25	2.2%	319	27.9%	528	46.2%	213	18.6%	48	4.2%	11	1.0%
<b>1990</b>	1,208	22	1.8%	330	27.3%	547	45.3%	225	18.6%	59	4.9%	25	2.1%
<b>1991</b>	1,356	20	1.5%	330	24.3%	632	46.6%	296	21.8%	60	4.4%	18	1.3%
<b>1992</b>	1,314	18	1.4%	282	21.5%	638	48.6%	301	22.9%	56	4.3%	19	1.4%
<b>1993</b>	1,228	14	1.1%	229	18.6%	597	48.6%	298	24.3%	71	5.8%	19	1.5%
<b>1994</b>	1,104	13	1.2%	211	19.1%	496	44.9%	293	26.5%	73	6.6%	18	1.6%
<b>1995</b>	1,050	11	1.0%	168	16.0%	470	44.8%	290	27.6%	78	7.4%	33	3.1%
<b>1996</b>	949	9	0.9%	122	12.9%	415	43.7%	295	31.1%	82	8.6%	26	2.7%
<b>1997</b>	1,010	15	1.5%	143	14.2%	438	43.4%	304	30.1%	69	6.8%	41	4.1%
<b>1998</b>	975	20	2.1%	135	13.8%	386	39.6%	321	32.9%	87	8.9%	26	2.7%
<b>1999</b>	893	14	1.6%	109	12.2%	330	37.0%	302	33.8%	110	12.3%	28	3.1%
<b>2000</b>	833	18	2.2%	105	12.6%	291	34.9%	299	35.9%	85	10.2%	35	4.2%
<b>2001</b>	910	12	1.3%	113	12.4%	311	34.2%	333	36.6%	108	11.9%	33	3.6%
<b>2002</b>	1,034	40	3.9%	149	14.4%	313	30.3%	358	34.6%	133	12.9%	41	4.0%
<b>2003</b>	901	30	3.3%	124	13.8%	262	29.1%	303	33.6%	137	15.2%	45	5.0%
<b>2004</b>	895	25	2.8%	133	14.9%	236	26.4%	327	36.5%	134	15.0%	40	4.5%
<b>2005</b>	931	24	2.6%	139	14.9%	199	21.4%	369	39.6%	165	17.7%	35	3.8%
<b>2006</b>	967	29	3.0%	154	15.9%	209	21.6%	346	35.8%	168	17.4%	61	6.3%
<b>2007</b>	844	40	4.7%	155	18.4%	162	19.2%	298	35.3%	150	17.8%	39	4.6%
<b>2008</b>	783	36	4.6%	159	20.3%	141	18.0%	236	30.1%	153	19.5%	58	7.4%
<b>2009</b>	599	26	4.3%	145	24.2%	129	21.5%	163	27.2%	101	16.9%	35	5.8%
<b>2010</b>	592	25	4.2%	133	22.5%	96	16.2%	184	31.1%	130	22.0%	24	4.1%
<b>2011</b>	422	20	4.7%	137	32.5%	70	16.6%	101	23.9%	77	18.2%	17	4.0%
<b>2012</b>	432	28	6.5%	142	32.9%	67	15.5%	96	22.2%	71	16.4%	28	6.5%
<b>2013</b>	367	15	4.1%	122	33.2%	70	19.1%	75	20.4%	56	15.3%	29	7.9%
<b>2014</b>	307	7	2.3%	95	30.9%	75	24.4%	60	19.5%	52	16.9%	18	5.9%
<b>2015</b>	318	15	4.7%	121	38.1%	73	23.0%	47	14.8%	46	14.5%	16	5.0%
<b>2016</b>	277	16	5.8%	109	39.4%	60	21.7%	38	13.7%	34	12.3%	20	7.2%
<b>2017</b>	227	17	7.5%	71	31.3%	49	21.6%	29	12.8%	38	16.7%	23	10.1%
<b>2018</b>	224	10	4.5%	72	32.1%	65	29.0%	34	15.2%	29	12.9%	14	6.3%
<b>Total</b>	26,489	679	2.6%	5,575	21.0%	9,398	35.5%	7,188	27.1%	2,744	10.4%	905	3.4%

**Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2018, Reported through June 30, 2019**

Number and Percent by Estimated Exposure Category<sup>§</sup> of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, as Reported through June 30, 2019



Other exposure category not shown

§ Multiple imputation was used to estimate and adjust for missing exposure category.

Reported HIV Diagnoses Among People Aged 13+												
Year of HIV Diagnosis	No.	% with No Reported Exposure <sup>‡</sup>	Estimated Exposure Category <sup>§</sup>									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	164	3.0%	94	57.3%	46	28.2%	18	10.7%	4	2.6%	2	1.2%
1985	320	3.8%	135	42.2%	125	38.9%	46	14.3%	14	4.3%	1	0.3%
1986	453	1.8%	183	40.5%	196	43.3%	48	10.6%	22	4.7%	4	0.9%
1987	568	2.6%	210	37.0%	270	47.6%	51	8.9%	34	6.0%	3	0.5%
1988	890	2.5%	258	29.0%	475	53.4%	86	9.6%	66	7.4%	5	0.6%
1989	1,144	2.1%	286	25.0%	650	56.8%	101	8.8%	98	8.6%	9	0.8%
1990	1,208	3.4%	301	24.9%	694	57.5%	102	8.5%	106	8.8%	5	0.4%
1991	1,356	3.5%	261	19.2%	849	62.6%	79	5.9%	160	11.8%	7	0.5%
1992	1,314	3.8%	223	17.0%	857	65.2%	91	6.9%	136	10.4%	7	0.5%
1993	1,228	1.9%	206	16.8%	767	62.5%	74	6.0%	179	14.6%	2	0.2%
1994	1,104	3.4%	158	14.3%	693	62.8%	44	4.0%	205	18.5%	4	0.4%
1995	1,050	3.1%	163	15.5%	626	59.6%	71	6.8%	188	17.9%	3	0.3%
1996	949	4.1%	121	12.7%	601	63.3%	49	5.2%	177	18.6%	2	0.2%
1997	1,010	6.1%	163	16.1%	597	59.1%	58	5.7%	193	19.1%	0	0.0%
1998	975	5.1%	132	13.5%	597	61.2%	50	5.1%	195	20.0%	2	0.2%
1999	893	6.7%	126	14.1%	527	59.0%	54	6.0%	187	21.0%	0	0.0%
2000	833	6.8%	124	14.8%	432	51.8%	47	5.6%	230	27.6%	1	0.1%
2001	910	7.6%	117	12.9%	517	56.8%	41	4.5%	234	25.8%	0	0.0%
2002	1,034	9.7%	163	15.8%	493	47.7%	46	4.5%	332	32.1%	0	0.0%
2003	901	9.8%	158	17.5%	427	47.4%	47	5.2%	266	29.5%	3	0.3%
2004	895	10.7%	205	22.9%	392	43.8%	29	3.3%	267	29.8%	2	0.2%
2005	931	14.4%	197	21.2%	397	42.6%	38	4.1%	299	32.1%	0	0.0%
2006	967	20.0%	195	20.1%	374	38.7%	51	5.3%	344	35.6%	3	0.3%
2007	844	20.4%	230	27.3%	291	34.5%	27	3.2%	294	34.8%	2	0.2%
2008	783	23.2%	237	30.3%	209	26.7%	25	3.1%	313	39.9%	0	0.0%
2009	599	30.2%	227	37.9%	103	17.2%	13	2.1%	257	42.9%	0	0.0%
2010	592	31.3%	235	39.7%	104	17.5%	15	2.6%	238	40.2%	0	0.0%
2011	422	24.6%	210	49.7%	59	13.9%	9	2.1%	145	34.3%	0	0.0%
2012	432	19.7%	203	47.0%	59	13.7%	7	1.6%	163	37.7%	0	0.0%
2013	367	11.2%	164	44.7%	43	11.7%	13	3.5%	146	39.8%	1	0.3%
2014	307	9.4%	160	52.2%	25	8.2%	6	2.0%	116	37.7%	0	0.0%
2015	318	4.1%	166	52.2%	35	11.0%	7	2.1%	110	34.7%	0	0.0%
2016	277	8.7%	149	53.8%	30	10.9%	9	3.1%	89	32.3%	0	0.0%
2017	227	13.7%	127	55.9%	23	9.9%	3	1.4%	75	32.8%	0	0.0%
2018	224	22.8%	126	56.3%	23	10.3%	2	0.9%	73	32.5%	0	0.0%
<b>Total</b>	<b>26,489</b>	<b>8.9%</b>	<b>6,413</b>	<b>24.2%</b>	<b>12,606</b>	<b>47.6%</b>	<b>1,457</b>	<b>5.5%</b>	<b>5,955</b>	<b>22.5%</b>	<b>68</b>	<b>0.3%</b>

§ Multiple imputation was used to estimate and adjust for missing transmission category.

‡Percent with no reported exposure prior to multiple imputation adjustment.

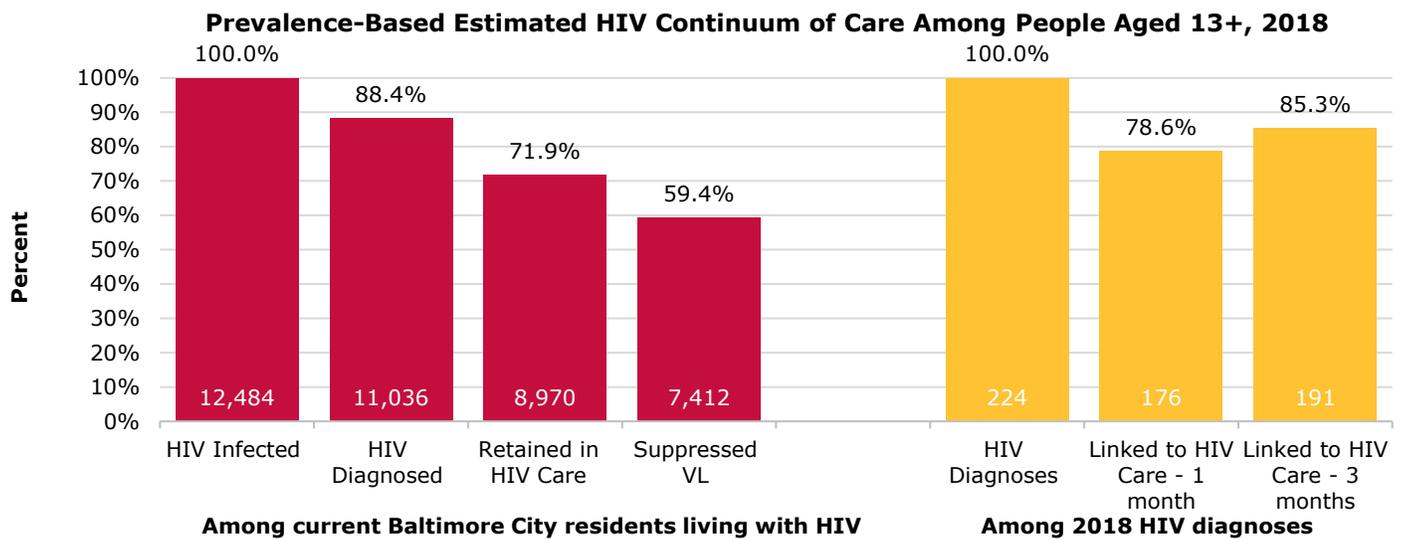
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

## Section III – Continuum of Care Cascades

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.<sup>1</sup> utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

### Figure 8 – Prevalence-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore City Residents Aged 13+, Reported through June 30, 2019

The prevalence-based Baltimore City Engagement in HIV Care Cascades (below) apply the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2019, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of people living with HIV currently residing in Baltimore City. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Baltimore City on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.



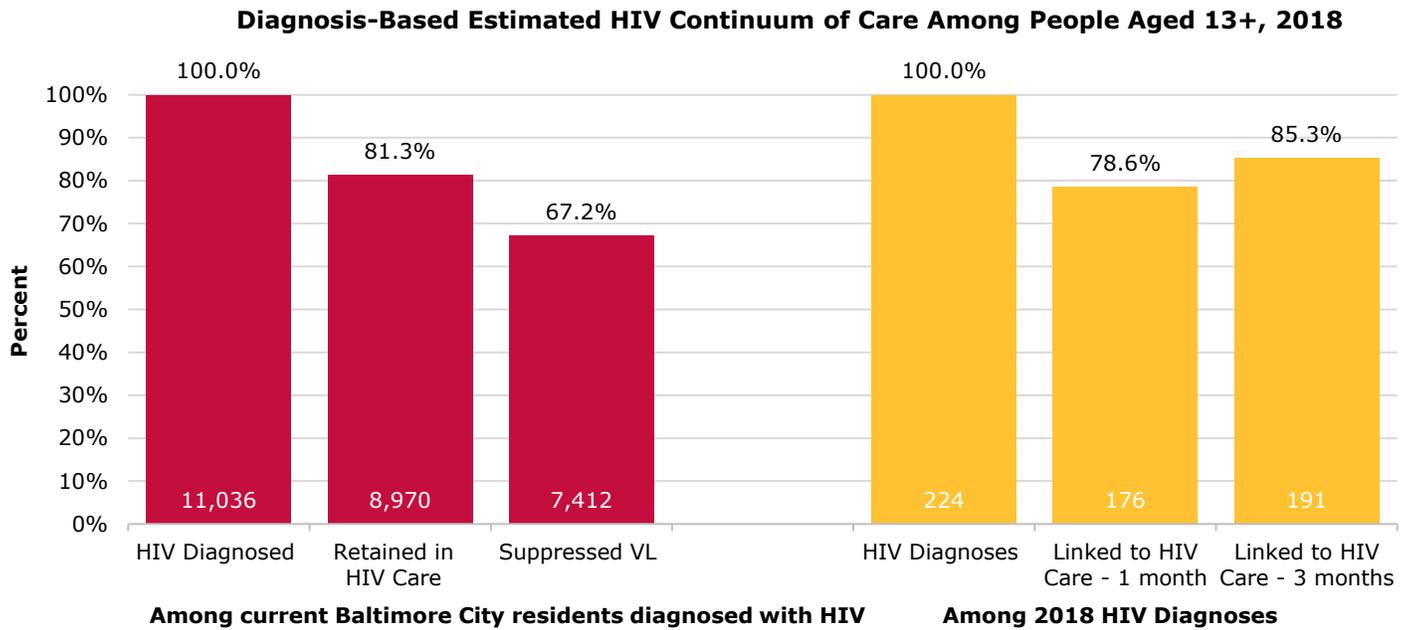
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	12,484	100.0%	New HIV Diagnoses	224	100.0%
HIV Diagnosed	11,036	88.4%	Linked to HIV Care – 1 Month	176	78.6%
Retained in HIV Care	8,970	71.9%	Linked to HIV Care – 3 Months	191	85.3%
Suppressed VL	7,412	59.4%			

<sup>1</sup> Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis*. 2011; 52 (6): 793-800.

<sup>2</sup> Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published March 2018.

**Figure 9 – Diagnosis-Based Estimated 2018 HIV Continuum of Care Cascades, Among Current Baltimore City Residents Aged 13+, Reported through June 30, 2019**

The diagnosis-based Baltimore City Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore City residents to describe the number and percentage of persons living with diagnosed HIV in Baltimore City on December 31, 2018 and the number and percentage of new HIV diagnoses in 2018 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2018 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	11,036	100.0%	New HIV Diagnoses	224	100.0%
Retained in HIV Care	8,970	81.3%	Linked to HIV Care – 1 Month	176	78.6%
Suppressed VL	7,412	67.2%	Linked to HIV Care – 3 Months	191	85.3%

## Section IV – Reported HIV Diagnoses, Among People Aged 13+, by Jurisdiction

Table 1 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2019

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
21201	14,845	8	3.6%	53.9	87.5%	87.5%	***	87.5%	517
21202	20,277	9	4.0%	44.4	88.9%	88.9%	***	88.9%	550
21205	12,272	9	4.0%	73.3	88.9%	88.9%	55.6%	100.0%	228
21206	32,473	8	3.6%	24.6	100.0%	100.0%	0.0%	100.0%	389
21207	11,613	6	2.7%	51.7	83.3%	100.0%	***	100.0%	537
21208	1,557	0	0.0%	0.0	--	--	--	--	--
21209	9,880	0	0.0%	0.0	--	--	--	--	--
21210	11,746	1	0.4%	8.5	***	***	***	***	***
21211	15,204	0	0.0%	0.0	--	--	--	--	--
21212	17,328	4	1.8%	23.1	***	***	***	***	***
21213	26,017	25	11.2%	96.1	64.0%	68.0%	24.0%	76.0%	375
21214	16,869	4	1.8%	23.7	***	***	***	***	***
21215	47,434	22	9.8%	46.4	77.3%	81.8%	***	95.5%	468
21216	25,988	8	3.6%	30.8	100.0%	100.0%	0.0%	75.0%	418
21217	29,802	17	7.6%	57.0	76.5%	94.1%	***	94.1%	389
21218	42,579	20	8.9%	47.0	80.0%	95.0%	35.0%	95.0%	315
21222	1,547	2	0.9%	129.3	***	***	***	***	***
21223	20,837	16	7.1%	76.8	62.5%	62.5%	***	81.3%	457
21224	33,935	17	7.6%	50.1	88.2%	94.1%	***	94.1%	440
21225	13,986	11	4.9%	78.7	90.9%	90.9%	***	90.9%	481
21226	2,543	1	0.4%	39.3	***	***	***	***	***
21227	772	0	0.0%	0.0	--	--	--	--	--
21228	220	0	0.0%	0.0	--	--	--	--	--
21229	31,159	10	4.5%	32.1	60.0%	80.0%	0.0%	90.0%	404
21230	28,385	10	4.5%	35.2	60.0%	80.0%	***	100.0%	550
21231	13,455	4	1.8%	29.7	***	***	***	***	***
21234	7,024	1	0.4%	14.2	***	***	***	***	***
21236	171	0	0.0%	0.0	--	--	--	--	--
21237	38	0	0.0%	0.0	--	--	--	--	--
21239	19,706	9	4.0%	45.7	100.0%	100.0%	***	100.0%	478
21251	911	0	0.0%	0.0	--	--	--	--	--
Unknown	--	2	0.9%	--	100.0%	100.0%	0.0%	100.0%	544
<b>Total</b>	510,571	224	100.0%	43.9	78.6%	85.3%	19.2%	90.6%	407

\*\*\* Data withheld due to low population counts and/or small numbers

**Table 2 – Reported AIDS Diagnoses, Among People Aged 13+ During 2018, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2019**

Jurisdiction of Residence at AIDS Diagnosis	Population Age 13+	Reported AIDS Diagnoses Among People Aged 13+				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21201	14,845	5	3.5%	33.7	3.3	40.0%
21202	20,277	8	5.6%	39.5	11.6	0.0%
21205	12,272	6	4.2%	48.9	1.6	83.3%
21206	32,473	2	1.4%	6.2	***	***
21207	11,613	2	1.4%	17.2	***	***
21208	1,557	0	0.0%	0.0	--	--
21209	9,880	0	0.0%	0.0	--	--
21210	11,746	1	0.7%	8.5	***	***
21211	15,204	1	0.7%	6.6	***	***
21212	17,328	4	2.8%	23.1	***	***
21213	26,017	15	10.5%	57.7	5.4	46.7%
21214	16,869	5	3.5%	29.6	13.1	20.0%
21215	47,434	14	9.8%	29.5	11.4	14.3%
21216	25,988	3	2.1%	11.5	***	***
21217	29,802	15	10.5%	50.3	11.0	20.0%
21218	42,579	25	17.5%	58.7	6.2	32.0%
21222	1,547	0	0.0%	0.0	--	--
21223	20,837	9	6.3%	43.2	5.9	33.3%
21224	33,935	4	2.8%	11.8	***	***
21225	13,986	4	2.8%	28.6	***	***
21226	2,543	0	0.0%	0.0	--	--
21227	772	0	0.0%	0.0	--	--
21228	220	0	0.0%	0.0	--	--
21229	31,159	4	2.8%	12.8	***	***
21230	28,385	6	4.2%	21.1	5.2	33.3%
21231	13,455	5	3.5%	37.2	8.1	20.0%
21234	7,024	0	0.0%	0.0	--	--
21236	171	0	0.0%	0.0	--	--
21237	38	0	0.0%	0.0	--	--
21239	19,706	4	2.8%	20.3	***	***
21251	911	0	0.0%	0.0	--	--
Unknown	--	1	0.7%	--	11.7	0.0%
<b>Total</b>	510,571	143	100.0%	28.0	7.4	30.1%

\*\*\* Data withheld due to low population counts and/or small numbers

**Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2019**

Jurisdiction of Residence	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21201	14,845	527	4.3%	3,550.0	28	524	4.7%	3,529.8	28	-0.6%
21202	20,277	776	6.4%	3,827.0	26	655	5.9%	3,230.3	31	-15.6%
21205	12,272	551	4.5%	4,489.9	22	392	3.6%	3,194.3	31	-28.9%
21206	32,473	549	4.5%	1,690.6	59	639	5.8%	1,967.8	51	16.4%
21207	11,613	283	2.3%	2,437.0	41	236	2.1%	2,032.3	49	-16.6%
21208	1,557	7	0.1%	449.7	222	11	0.1%	706.6	142	57.1%
21209	9,880	54	0.4%	546.5	183	65	0.6%	657.9	152	20.4%
21210	11,746	36	0.3%	306.5	326	39	0.4%	332.0	301	8.3%
21211	15,204	138	1.1%	907.7	110	126	1.1%	828.7	121	-8.7%
21212	17,328	263	2.2%	1,517.7	66	290	2.6%	1,673.6	60	10.3%
21213	26,017	933	7.7%	3,586.1	28	765	6.9%	2,940.4	34	-18.0%
21214	16,869	208	1.7%	1,233.0	81	237	2.1%	1,405.0	71	13.9%
21215	47,434	1,105	9.1%	2,329.6	43	1,088	9.9%	2,293.7	44	-1.5%
21216	25,988	739	6.1%	2,843.7	35	663	6.0%	2,551.2	39	-10.3%
21217	29,802	1,369	11.3%	4,593.6	22	1,143	10.4%	3,835.3	26	-16.5%
21218	42,579	1,198	9.9%	2,813.6	36	1,046	9.5%	2,456.6	41	-12.7%
21222	1,547	14	0.1%	905.0	110	70	0.6%	4,525.1	22	400.0%
21223	20,837	787	6.5%	3,777.0	26	694	6.3%	3,330.7	30	-11.8%
21224	33,935	446	3.7%	1,314.3	76	352	3.2%	1,037.3	96	-21.1%
21225	13,986	283	2.3%	2,023.5	49	256	2.3%	1,830.4	55	-9.5%
21226	2,543	36	0.3%	1,415.8	71	32	0.3%	1,258.5	79	-11.1%
21227	772	***	***	***	***	***	***	***	***	***
21228	220	***	***	***	***	***	***	***	***	***
21229	31,159	632	5.2%	2,028.3	49	678	6.1%	2,175.9	46	7.3%
21230	28,385	352	2.9%	1,240.1	81	332	3.0%	1,169.6	85	-5.7%
21231	13,455	268	2.2%	1,991.8	50	241	2.2%	1,791.1	56	-10.1%
21234	7,024	75	0.6%	1,067.8	94	75	0.7%	1,067.8	94	0.0%
21236	171	***	***	***	***	***	***	***	***	***
21237	38	***	***	***	***	***	***	***	***	***
21239	19,706	298	2.5%	1,512.2	66	310	2.8%	1,573.1	64	4.0%
21251	911	***	***	***	***	0	0.0%	0.0	--	***
Unknown	--	131	1.1%	--	--	59	0.5%	--	--	--
<b>Total</b>	510,571	12,120	100.0%	2,373.8	42	11,036	100.0%	2,161.5	46	-8.9%

**Table 4 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019**

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
21201	524	393	75.0%	631	10.7%	8.9%	16.5%	63.9%	
21202	655	444	67.8%	592	13.3%	10.8%	16.0%	59.9%	
21205	392	283	72.2%	518	13.4%	15.5%	18.7%	52.3%	
21206	639	499	78.1%	590	8.2%	12.8%	16.6%	62.3%	
21207	236	182	77.1%	648	7.7%	11.5%	17.6%	63.2%	
21208	11	8	72.7%	640	0.0%	25.0%	12.5%	62.5%	
21209	65	50	76.9%	720	0.0%	14.0%	4.0%	82.0%	
21210	39	34	87.2%	532	11.8%	8.8%	17.6%	61.8%	
21211	126	96	76.2%	616	10.4%	12.5%	13.5%	63.5%	
21212	290	236	81.4%	605	6.8%	13.1%	17.4%	62.7%	
21213	765	595	77.8%	540	13.9%	13.6%	18.7%	53.8%	
21214	237	180	75.9%	686	5.6%	9.4%	12.2%	72.8%	
21215	1,088	883	81.2%	580	11.0%	13.1%	15.4%	60.5%	
21216	663	488	73.6%	616	7.8%	16.4%	12.9%	62.9%	
21217	1,143	861	75.3%	576	10.7%	13.2%	16.8%	59.2%	
21218	1,046	790	75.5%	618	9.2%	11.1%	14.8%	64.8%	
21222	70	61	87.1%	587	11.5%	21.3%	8.2%	59.0%	
21223	694	530	76.4%	551	10.9%	16.2%	17.0%	55.8%	
21224	352	257	73.0%	639	6.2%	12.1%	17.1%	64.6%	
21225	256	195	76.2%	564	14.4%	14.9%	11.8%	59.0%	
21226	32	21	65.6%	618	4.8%	19.0%	14.3%	61.9%	
21227	7	***	***	***	***	***	***	***	
21228	2	***	***	***	***	***	***	***	
21229	678	535	78.9%	609	9.3%	12.7%	15.0%	63.0%	
21230	332	233	70.2%	586	12.9%	13.3%	15.0%	58.8%	
21231	241	195	80.9%	600	11.8%	14.4%	12.8%	61.0%	
21234	75	59	78.7%	553	6.8%	15.3%	16.9%	61.0%	
21236	6	5	83.3%	400	20.0%	20.0%	40.0%	20.0%	
21237	3	***	***	***	***	***	***	***	
21239	310	241	77.7%	634	10.4%	9.1%	12.9%	67.6%	
21251	0	--	--	--	--	--	--	--	
Unknown	53	29	54.7%	530	13.8%	10.3%	20.7%	55.2%	
<b>Total</b>	<b>11,036</b>	<b>8,392</b>	<b>76.0%</b>	<b>594</b>	<b>10.3%</b>	<b>13.0%</b>	<b>15.7%</b>	<b>61.0%</b>	

**Table 5 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019**

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
21201	524	415	79.2%	83.9%	10,900
21202	655	451	68.9%	84.0%	8,555
21205	392	301	76.8%	81.4%	27,435
21206	639	512	80.1%	86.7%	12,032
21207	236	190	80.5%	86.8%	15,800
21208	11	9	81.8%	100.0%	--
21209	65	52	80.0%	92.3%	1,464
21210	39	36	92.3%	100.0%	--
21211	126	101	80.2%	92.1%	5,700
21212	290	236	81.4%	88.6%	11,800
21213	765	613	80.1%	83.2%	7,860
21214	237	186	78.5%	89.2%	6,596
21215	1,088	904	83.1%	85.6%	12,858
21216	663	513	77.4%	86.0%	13,100
21217	1,143	887	77.6%	84.9%	17,581
21218	1,046	802	76.7%	85.5%	12,600
21222	70	65	92.9%	80.0%	11,810
21223	694	545	78.5%	83.7%	10,007
21224	352	278	79.0%	88.5%	7,925
21225	256	196	76.6%	80.6%	9,430
21226	32	25	78.1%	84.0%	12,717
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	678	554	81.7%	86.5%	12,185
21230	332	249	75.0%	83.5%	14,400
21231	241	203	84.2%	86.2%	10,825
21234	75	62	82.7%	93.5%	28,720
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	310	249	80.3%	86.7%	4,321
21251	0	--	--	--	--
Unknown	53	31	58.5%	83.9%	9,000
<b>Total</b>	<b>11,036</b>	<b>8,679</b>	<b>78.6%</b>	<b>85.4%</b>	<b>11,600</b>

## Section V – People Living with Diagnosed HIV by Age

Table 6 – Reported HIV Diagnoses During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2019

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
<5 (Pediatric)	37,992	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	53,932	0	0.0%	0.0	--	--	--	--	--
13-19	47,745	10	4.5%	20.9	90.0%	100.0%	***	100.0%	607
20-29	101,454	72	32.1%	71.0	81.9%	87.5%	13.9%	95.8%	413
30-39	97,484	65	29.0%	66.7	76.9%	86.2%	18.5%	95.4%	406
40-49	66,192	34	15.2%	51.4	73.5%	73.5%	20.6%	67.6%	345
50-59	76,789	29	12.9%	37.8	82.8%	86.2%	31.0%	89.7%	361
60+	120,907	14	6.3%	11.6	64.3%	85.7%	***	92.9%	404
<b>Total</b>	<b>602,495</b>	<b>224</b>	<b>100.0%</b>	<b>37.2</b>	<b>78.6%</b>	<b>85.3%</b>	<b>19.2%</b>	<b>90.6%</b>	<b>407</b>

\*\*\* Data withheld due to low population counts and/or small numbers

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	37,992	2	0.0%	5.3	18,996
5-12 (Pediatric)	53,932	11	0.1%	20.4	4,903
13-19	47,745	36	0.3%	75.4	1,326
20-29	101,454	855	7.7%	842.7	119
30-39	97,484	1,799	16.3%	1,845.4	54
40-49	66,192	1,965	17.8%	2,968.6	34
50-59	76,789	3,747	33.9%	4,879.6	20
60+	120,907	2,634	23.8%	2,178.5	46
<b>Total</b>	<b>602,495</b>	<b>11,049</b>	<b>100.0%</b>	<b>1,833.9</b>	<b>55</b>

Table 8 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Results				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
13-19	36	27	75.0%	643	0.0%	14.8%	18.5%	66.7%	
20-29	855	634	74.2%	596	10.7%	10.9%	16.2%	62.1%	
30-39	1,799	1,344	74.7%	603	10.6%	11.8%	16.4%	61.2%	
40-49	1,965	1,456	74.1%	608	10.9%	13.5%	13.8%	61.9%	
50-59	3,747	2,914	77.8%	587	10.5%	13.4%	15.5%	60.6%	
60+	2,634	2,017	76.6%	591	9.5%	13.5%	16.6%	60.4%	
<b>Total</b>	<b>11,036</b>	<b>8,392</b>	<b>76.0%</b>	<b>594</b>	<b>10.3%</b>	<b>13.0%</b>	<b>15.7%</b>	<b>61.0%</b>	

Table 9 – Viral Load Test Results During 2018 for People Living with Diagnosed HIV, Alive on December 31, 2018, by Age on December 31, 2018, Reported through June 30, 2019

Age on December 31, 2018	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	36	29	80.6%	82.8%	10,007
20-29	855	666	77.9%	73.3%	10,900
30-39	1,799	1,371	76.2%	79.9%	14,103
40-49	1,965	1,511	76.9%	83.1%	19,500
50-59	3,747	3,023	80.7%	87.4%	8,330
60+	2,634	2,079	78.9%	91.8%	11,300
<b>Total</b>	<b>11,036</b>	<b>8,679</b>	<b>78.6%</b>	<b>85.4%</b>	<b>11,600</b>

## Section VI – People Aged 13+ Living with Diagnosed HIV by Demographics

Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019

Demographic Characteristics	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	% with Test	Median Count
<b>Sex at Birth</b>									
Male	235,726	168	75.0%	71.3	79.8%	85.7%	20.2%	90.5%	381
Female	274,844	56	25.0%	20.4	75.0%	83.9%	16.1%	91.1%	520
<b>Gender</b>									
Male	235,726	162	72.3%	68.7	80.2%	85.8%	21.0%	90.7%	375
Female	274,844	55	24.6%	20.0	76.4%	83.6%	16.4%	90.9%	514
Transgender Female	--	6	2.7%	--	***	83.3%	0.0%	83.3%	397
Transgender Male	--	1	0.4%	--	***	***	***	***	***
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
<b>Race/Ethnicity</b>									
<b>Hispanic</b>	23,464	20	8.9%	85.2	100.0%	100.0%	***	95.0%	466
<b>Non-Hispanic</b>	487,107	204	91.1%	41.9	76.5%	83.8%	19.6%	90.2%	405
American Indian/Alaska Native, only	1,463	0	0.0%	0.0	--	--	--	--	--
Asian, only	14,562	1	0.4%	6.9	***	***	***	***	***
Black, only	312,903	182	81.3%	58.2	78.6%	85.2%	18.7%	90.7%	413
Native Hawaiian/Other Pacific Islander, only	164	0	0.0%	0.0	--	--	--	--	--
White, only	150,494	18	8.0%	12.0	50.0%	66.7%	***	83.3%	333
Multiracial/Other	7,521	3	1.3%	39.9	***	***	***	***	***
<b>Total</b>	510,571	224	100.0%	43.9	78.6%	85.3%	19.2%	90.6%	407
<b>Country of Birth</b>									
<b>United States</b>	476,465	197	87.9%	41.3	76.1%	83.8%	19.8%	90.4%	405
<b>Foreign-Born</b>	47,708	17	7.6%	35.6	94.1%	94.1%	***	94.1%	490
Africa	--	7	3.1%	--	85.7%	85.7%	***	85.7%	645
Asia	--	2	0.9%	--	***	***	***	***	***
Caribbean	--	2	0.9%	--	***	***	***	***	***
Central America	--	5	2.2%	--	100.0%	100.0%	***	100.0%	294
Other	--	1	0.4%	--	***	***	***	***	***
<b>Unknown</b>	--	10	4.5%	--	100.0%	100.0%	0.0%	90.0%	476
<b>Total</b>	524,173	224	100.0%	42.7	78.6%	85.3%	19.2%	90.6%	407

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

\*\*\* Data withheld due to low population counts and/or small numbers

**Table 11 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2019**

Demographic Characteristics	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<b>Sex at Birth</b>					
Male	235,726	7,247	65.7%	3,074.3	33
Female	274,844	3,789	34.3%	1,378.6	73
<b>Gender</b>					
Male	235,726	7,098	64.3%	3,011.1	33
Female	274,844	3,781	34.3%	1,375.7	73
Transgender Female	--	149	1.4%	--	--
Transgender Male	--	8	0.1%	--	--
Another Gender Identity	--	0	0.0%	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	23,464	427	3.9%	1,819.8	55
<b>Non-Hispanic</b>	487,107	10,609	96.1%	2,178.0	46
American Indian/Alaska Native, only	1,463	***	***	***	***
Asian, only	14,562	24	0.2%	164.8	607
Black, only	312,903	9,143	82.8%	2,922.0	34
Native Hawaiian/Other Pacific Islander, only	164	***	***	***	***
White, only	150,494	878	8.0%	583.4	171
Multiracial/Other	7,521	558	5.1%	7,419.0	13
<b>Total</b>	510,571	11,036	100.0%	2,161.5	46
<b>Country of Birth</b>					
<b>United States</b>	476,465	10,517	95.3%	2,207.3	45
<b>Foreign-Born</b>	47,708	269	2.4%	563.9	177
Africa	--	116	43.1%	--	--
Asia	--	23	8.6%	--	--
Caribbean	--	29	10.8%	--	--
Central America	--	67	24.9%	--	--
Other	--	34	12.6%	--	--
<b>Unknown</b>	--	250	2.3%	--	--
<b>Total</b>	524,173	11,036	100.0%	2,105.4	47

Note. Population data by sex at birth, age, and race/ethnicity are from the 2018 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2017 American Community Survey.

**Table 12 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019**

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result				<200	200-349	350-499	500+
		No. with Test	% with Test	Median Count					
<b>Sex at Birth</b>									
Male	7,247	5,389	74.4%	573	10.6%	13.6%	17.1%	58.7%	
Female	3,789	3,003	79.3%	642	9.9%	11.9%	13.1%	65.1%	
<b>Gender</b>									
Male	7,098	5,267	74.2%	572	10.6%	13.7%	17.2%	58.6%	
Female	3,781	2,998	79.3%	642	9.9%	11.9%	13.1%	65.1%	
Transgender Female	149	122	81.9%	624	10.7%	9.0%	14.8%	65.6%	
Transgender Male	8	5	62.5%	628	0.0%	0.0%	20.0%	80.0%	
Another Gender Identity	0	--	--	--	--	--	--	--	
<b>Race/Ethnicity</b>									
<b>Hispanic</b>	427	316	74.0%	598	8.5%	12.3%	16.8%	62.3%	
<b>Non-Hispanic</b>	10,609	8,076	76.1%	593	10.4%	13.0%	15.7%	61.0%	
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***	
Asian, only	24	15	62.5%	663	6.7%	0.0%	20.0%	73.3%	
Black, only	9,143	6,954	76.1%	592	10.4%	13.1%	15.8%	60.7%	
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***	
White, only	878	637	72.6%	635	8.2%	11.1%	14.3%	66.4%	
Multiracial/Other	558	467	83.7%	563	13.5%	14.1%	14.8%	57.6%	
<b>Country of Birth</b>									
<b>United States</b>	10,517	8,017	76.2%	593	10.6%	13.1%	15.7%	60.6%	
<b>Foreign-Born</b>	269	191	71.0%	605	5.8%	8.9%	15.2%	70.2%	
Africa	116	84	72.4%	594	3.6%	10.7%	19.0%	66.7%	
Asia	23	13	56.5%	806	7.7%	0.0%	7.7%	84.6%	
Caribbean	29	21	72.4%	620	14.3%	4.8%	19.0%	61.9%	
Central America	67	47	70.1%	599	4.3%	10.6%	12.8%	72.3%	
Other	34	26	76.5%	663	7.7%	7.7%	7.7%	76.9%	
<b>Unknown</b>	250	184	73.6%	603	4.9%	12.0%	15.8%	67.4%	
<b>Total</b>	11,036	8,392	76.0%	594	10.3%	13.0%	15.7%	61.0%	

\*\*\* Data withheld due to low population counts and/or small numbers

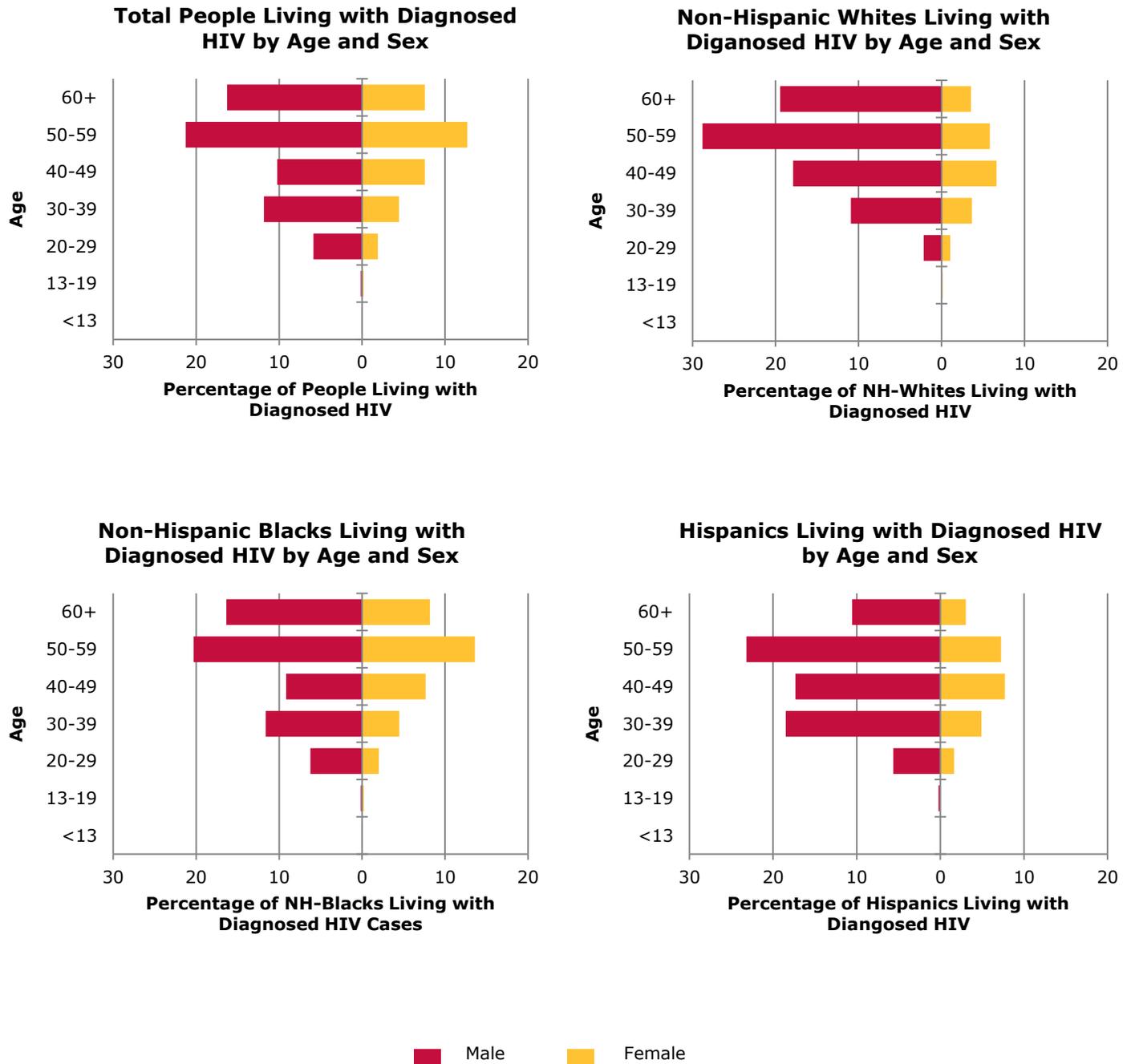
**Table 13 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2019**

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
<b>Sex at Birth</b>					
Male	7,247	5,560	76.7%	86.1%	12,090
Female	3,789	3,119	82.3%	84.3%	10,100
<b>Gender</b>					
Male	7,098	5,435	76.6%	86.4%	12,250
Female	3,781	3,112	82.3%	84.3%	10,100
Transgender Female	149	125	83.9%	74.4%	9,999
Transgender Male	8	7	87.5%	71.4%	7,319
Another Gender Identity	0	--	--	--	--
<b>Race/Ethnicity</b>					
<b>Hispanic</b>	427	329	77.0%	89.4%	39,134
<b>Non-Hispanic</b>	10,609	8,350	78.7%	85.3%	11,512
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	24	17	70.8%	94.1%	1,100,000
Black, only	9,143	7,191	78.7%	84.8%	10,800
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	878	672	76.5%	89.7%	16,263
Multiracial/Other	558	467	83.7%	85.4%	18,905
<b>Country of Birth</b>					
<b>United States</b>	10,517	8,288	78.8%	85.1%	11,600
<b>Foreign-Born</b>	269	202	75.1%	95.5%	62,100
Africa	116	87	75.0%	97.7%	38,750
Asia	23	14	60.9%	92.9%	1,100,000
Caribbean	29	23	79.3%	95.7%	74,800
Central America	67	51	76.1%	94.1%	74,000
Other	34	27	79.4%	92.6%	31,333
<b>Unknown</b>	250	189	75.6%	89.9%	6,420
<b>Total</b>	11,036	8,679	78.6%	85.4%	11,600

\*\*\* Data withheld due to low population counts and/or small numbers

## Section VII – People Living with Diagnosed HIV by Expanded Demographics

Figure 10 – Population Pyramids of Total People Living with Diagnosed HIV, by Age on December 31, 2018, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2018, and Reported through June 30, 2019



**Table 14 – Total Males Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019**

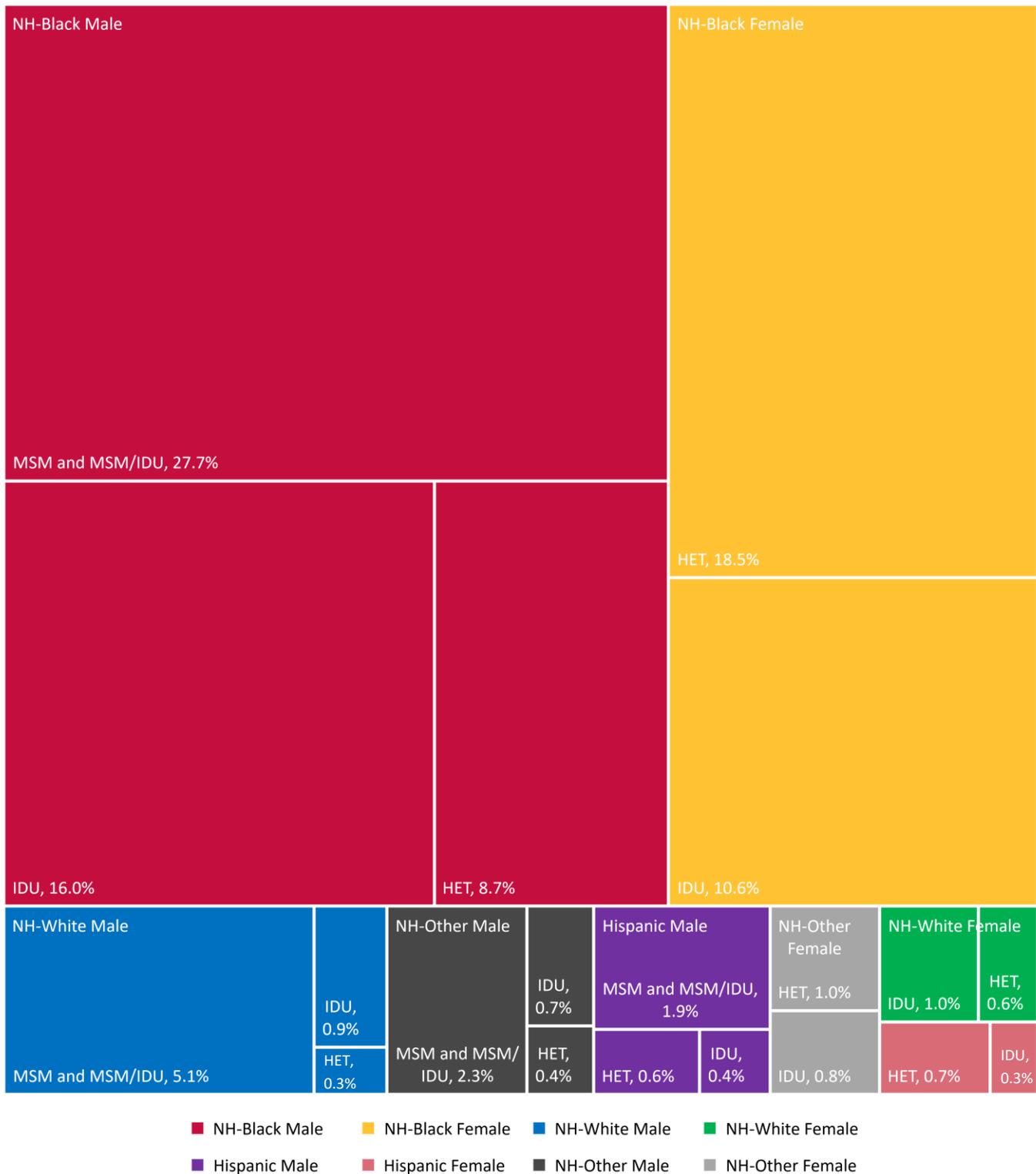
<b>Age on December 31, 2018</b>		<b>Total Males Living with Diagnosed HIV</b>				<b>Total Males by Age Group</b>
		<b>Race/Ethnicity</b>				
		<b>Hispanic</b>	<b>Non-Hispanic Black, only</b>	<b>Non-Hispanic White, only</b>	<b>Non-Hispanic Other Race</b>	
<13 (Pediatric)	Population	4,850	30,483	8,488	2,828	46,649
	Number	0	4	0	0	4
	Rate	0.0	13.1	0.0	0.0	8.6
	Ratio (1 in X)	--	7,621	--	--	11,662
13-19	Population	1,534	16,552	4,124	1,295	23,505
	Number	1	16	0	0	17
	Rate	65.2	96.7	0.0	0.0	72.3
	Ratio (1 in X)	1,534	1,035	--	--	1,383
20-29	Population	2,581	27,653	15,195	3,114	48,543
	Number	24	570	19	34	647
	Rate	929.9	2,061.3	125.0	1,091.8	1,332.8
	Ratio (1 in X)	108	49	800	92	75
30-39	Population	3,404	22,355	17,819	2,785	46,363
	Number	79	1,063	96	69	1,307
	Rate	2,320.8	4,755.1	538.8	2,477.6	2,819.1
	Ratio (1 in X)	43	21	186	40	35
40-49	Population	2,231	18,319	9,440	1,365	31,355
	Number	74	837	157	62	1,130
	Rate	3,316.9	4,569.0	1,663.1	4,542.1	3,603.9
	Ratio (1 in X)	30	22	60	22	28
50-59	Population	1,382	23,154	10,102	1,048	35,686
	Number	99	1,858	253	138	2,348
	Rate	7,163.5	8,024.5	2,504.5	13,167.9	6,579.6
	Ratio (1 in X)	14	12	40	8	15
60+	Population	1,069	30,723	17,194	1,288	50,274
	Number	45	1,497	171	85	1,798
	Rate	4,209.5	4,872.6	994.5	6,599.4	3,576.4
	Ratio (1 in X)	24	21	101	15	28
Total Males by Race/Ethnicity	Population	17,051	169,239	82,362	13,723	282,375
	Number	322	5,845	696	388	7,251
	Rate	1,888.5	3,453.7	845.0	2,827.4	2,567.9
	Ratio (1 in X)	53	29	118	35	39

**Table 15 – Total Females Living with Diagnosed HIV by Age on December 31, 2018 and Race/Ethnicity, Alive on December 31, 2018 and Reported through June 30, 2019**

		Total Females Living with Diagnosed HIV				Total Females by Age Group
		Race/Ethnicity				
Age on December 31, 2018		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,747	29,574	8,266	2,688	45,276
	Number	0	8	0	1	9
	Rate	0.0	27.1	0.0	37.2	19.9
	Ratio (1 in X)	--	3,697	--	2,688	5,031
13-19	Population	1,574	16,743	4,500	1,423	24,239
	Number	0	18	1	0	19
	Rate	0.0	107.5	22.2	0.0	78.4
	Ratio (1 in X)	--	930	4,500	--	1,276
20-29	Population	2,696	30,282	16,452	3,481	52,911
	Number	7	184	9	8	208
	Rate	259.6	607.6	54.7	229.8	393.1
	Ratio (1 in X)	385	165	1,828	435	254
30-39	Population	2,855	27,943	17,124	3,199	51,121
	Number	21	411	32	28	492
	Rate	735.6	1,470.9	186.9	875.3	962.4
	Ratio (1 in X)	136	68	535	114	104
40-49	Population	1,838	22,447	8,971	1,581	34,837
	Number	33	699	58	45	835
	Rate	1,795.4	3,114.0	646.5	2,846.3	2,396.9
	Ratio (1 in X)	56	32	155	35	42
50-59	Population	1,128	29,085	9,663	1,227	41,103
	Number	31	1,243	51	74	1,399
	Rate	2,748.2	4,273.7	527.8	6,031.0	3,403.6
	Ratio (1 in X)	36	23	189	17	29
60+	Population	1,172	47,647	19,910	1,904	70,633
	Number	13	747	31	45	836
	Rate	1,109.2	1,567.8	155.7	2,363.4	1,183.6
	Ratio (1 in X)	90	64	642	42	84
Total Females by Race/Ethnicity	Population	16,010	203,721	84,886	15,503	320,120
	Number	105	3,310	182	201	3,798
	Rate	655.8	1,624.8	214.4	1,296.5	1,186.4
	Ratio (1 in X)	152	62	466	77	84

## Section VIII – HIV Exposure Category

Figure 11 – Proportion of Total People Aged 13+ Living with Diagnosed HIV, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, Reported through June 30, 201



Note. Other exposure category and perinatal transmission not shown (<2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

**Table 16 – Reported HIV Diagnoses, Among People Aged 13+ During 2018, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019**

Estimated or Reported Exposure Category	Reported HIV Diagnoses Among People Aged 13+						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	% with Test	Median Count
Male-to-male Sexual Contact (MSM)	126	56.3%	78.2%	84.5%	18.4%	90.0%	397
Injection Drug Use (IDU)	23	10.3%	63.6%	83.5%	20.8%	94.4%	347
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	0.9%	***	***	***	***	***
Heterosexual Contact (HET)	73	32.5%	83.7%	87.0%	20.3%	90.2%	475
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>224</b>	<b>100.0%</b>	<b>78.6%</b>	<b>85.3%</b>	<b>19.2%</b>	<b>90.6%</b>	<b>407</b>

Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	126	75.1%	78.2%	84.5%	18.4%	90.0%	397
Injection Drug Use (IDU)	13	7.6%	74.0%	85.0%	***	93.7%	269
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	2	1.2%	***	***	***	***	***
Heterosexual Contact (HET)	27	16.2%	89.0%	91.2%	26.5%	90.4%	375
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>168</b>	<b>100.0%</b>	<b>79.8%</b>	<b>85.7%</b>	<b>20.2%</b>	<b>90.5%</b>	<b>381</b>

Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	10	18.6%	51.0%	81.7%	***	95.2%	508
Heterosexual Contact (HET)	46	81.4%	80.5%	84.4%	16.7%	90.1%	520
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
<b>Total</b>	<b>56</b>	<b>100.0%</b>	<b>75.0%</b>	<b>83.9%</b>	<b>16.1%</b>	<b>91.1%</b>	<b>520</b>

Note. Data for 2018 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

\*\*\* Data withheld due to low population counts and/or small numbers

**Table 17 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2019**

<b>Estimated or Reported Exposure Category</b>	<b>Total People Aged 13+ Living with Diagnosed HIV</b>	
	<b>No.</b>	<b>% of Total</b>
Male-to-male Sexual Contact (MSM)	3,509	31.8%
Injection Drug Use (IDU)	3,386	30.7%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	575	5.2%
Heterosexual Contact (HET)	3,404	30.8%
Perinatal Transmission	130	1.2%
Other Exposure	9	0.1%
No Estimated or Reported Exposure	23	0.2%
<b>Total</b>	<b>11,036</b>	<b>100.0%</b>

<b>Male Estimated or Reported Exposure Category</b>		
Male-to-male Sexual Contact (MSM)	3,509	48.4%
Injection Drug Use (IDU)	1,988	27.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	575	7.9%
Heterosexual Contact (HET)	1,114	15.4%
Perinatal Transmission	48	0.7%
Other Exposure	3	0.0%
No Estimated or Reported Exposure	9	0.1%
<b>Total</b>	<b>7,247</b>	<b>100.0%</b>

<b>Female Estimated or Reported Exposure Category</b>		
Injection Drug Use (IDU)	1,397	36.9%
Heterosexual Contact (HET)	2,290	60.4%
Perinatal Transmission	82	2.2%
Other Exposure	6	0.2%
No Estimated or Reported Exposure	14	0.4%
<b>Total</b>	<b>3,789</b>	<b>100.0%</b>

*Note.* Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

**Table 18 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2018, and Reported through June 30, 2019**

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MSM)	190	44.5%	2,601	28.4%	504	57.4%
Injection Drug Use (IDU)	73	17.1%	2,934	32.1%	212	24.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	18	4.2%	458	5.0%	53	6.0%
Heterosexual Contact (HET)	143	33.5%	2,997	32.8%	106	12.1%
Perinatal Transmission	2	0.5%	123	1.3%	2	0.2%
Other Exposure	0	0.0%	8	0.1%	1	0.1%
No Estimated or Reported Exposure	1	0.2%	22	0.2%	0	0.0%
<b>Total</b>	<b>427</b>	<b>100.0%</b>	<b>9,143</b>	<b>100.0%</b>	<b>878</b>	<b>100.0%</b>
<b>Male Estimated or Reported Exposure Category</b>						
Male-to-male Sexual Contact (MSM)	190	59.0%	2,601	44.5%	504	72.4%
Injection Drug Use (IDU)	44	13.7%	1,766	30.2%	101	14.6%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	18	5.5%	458	7.8%	53	7.6%
Heterosexual Contact (HET)	70	21.7%	959	16.4%	37	5.3%
Perinatal Transmission	0	0.0%	47	0.8%	0	0.0%
Other Exposure	0	0.0%	2	0.0%	1	0.1%
No Estimated or Reported Exposure	0	0.0%	9	0.2%	0	0.0%
<b>Total</b>	<b>322</b>	<b>100.0%</b>	<b>5,842</b>	<b>100.0%</b>	<b>696</b>	<b>100.0%</b>
<b>Female Estimated or Reported Exposure Category</b>						
Injection Drug Use (IDU)	29	27.4%	1,168	35.4%	111	60.9%
Heterosexual Contact (HET)	73	69.7%	2,039	61.7%	69	38.0%
Perinatal Transmission	2	1.9%	76	2.3%	2	1.1%
Other Exposure	0	0.0%	6	0.2%	0	0.0%
No Estimated or Reported Exposure	1	1.0%	13	0.4%	0	0.0%
<b>Total</b>	<b>105</b>	<b>100.0%</b>	<b>3,302</b>	<b>100.0%</b>	<b>182</b>	<b>100.0%</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Expansive People Supplement.

**Table 19 – CD4 Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male-to-male Sexual Contact (MSM)	3,509	2,637	75.2%	623	7.1%	11.3%	15.8%	65.9%
Injection Drug Use (IDU)	3,386	2,627	77.6%	531	15.0%	15.6%	15.8%	53.6%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	575	457	79.4%	547	13.2%	12.1%	19.2%	55.5%
Heterosexual Contact (HET)	3,404	2,550	74.9%	637	7.8%	12.1%	14.6%	65.4%
Perinatal Transmission	130	100	76.9%	456	21.0%	15.0%	21.0%	43.0%
Other Exposure	9	7	77.8%	482	28.6%	14.3%	28.6%	28.6%
No Estimated or Reported Exposure	23	14	60.9%	489	21.4%	7.1%	21.4%	50.0%
<b>Total</b>	<b>11,036</b>	<b>8,392</b>	<b>76.0%</b>	<b>594</b>	<b>10.3%</b>	<b>13.0%</b>	<b>15.7%</b>	<b>61.0%</b>

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

**Table 20 – Viral Load Test Results During 2018 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2018, by Estimated or Reported Exposure Category, Reported through June 30, 2019**

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Male-to-male Sexual Contact (MSM)	3,509	2,732	77.8%	86.8%	14,409
Injection Drug Use (IDU)	3,386	2,702	79.8%	84.5%	13,210
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	575	474	82.5%	85.9%	5,740
Heterosexual Contact (HET)	3,404	2,638	77.5%	85.6%	8,386
Perinatal Transmission	130	111	85.4%	70.3%	24,298
Other Exposure	9	7	77.8%	100.0%	--
No Estimated or Reported Exposure	23	15	65.2%	53.3%	9,030
<b>Total</b>	<b>11,036</b>	<b>8,679</b>	<b>78.6%</b>	<b>85.4%</b>	<b>11,600</b>

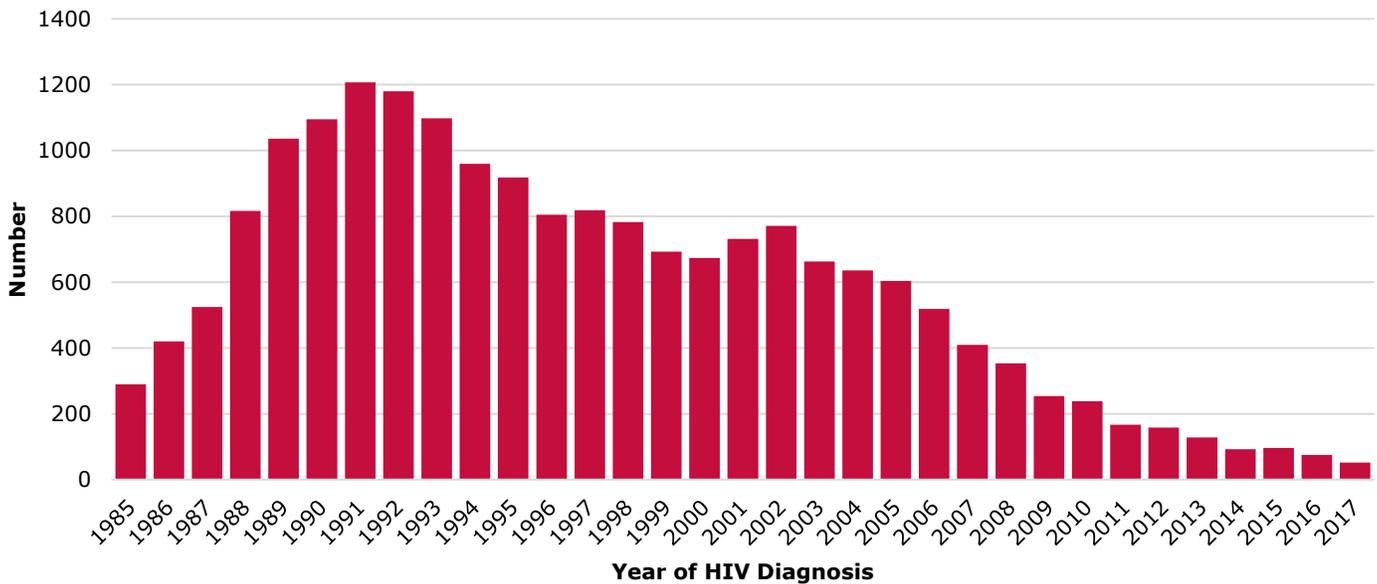
Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

## Section IX – Disease Progression and Mortality

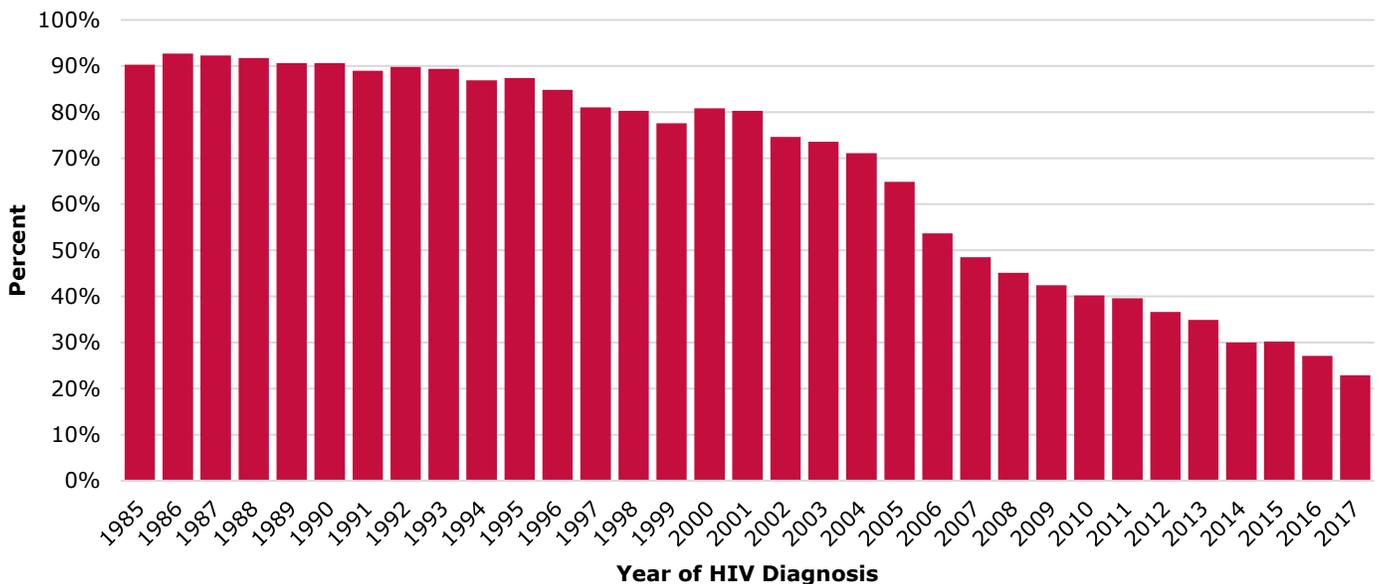
**Figure 12 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2017, Reported through June 30, 2019**

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, (Reported HIV Diagnoses Among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2018 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ by December 31, 2018, the Average Years from HIV Diagnosis to AIDS Diagnosis for People with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2017, Reported through June 30, 2019

**Number with AIDS by 12/31/2018**



**Percent with AIDS by 12/31/2018**

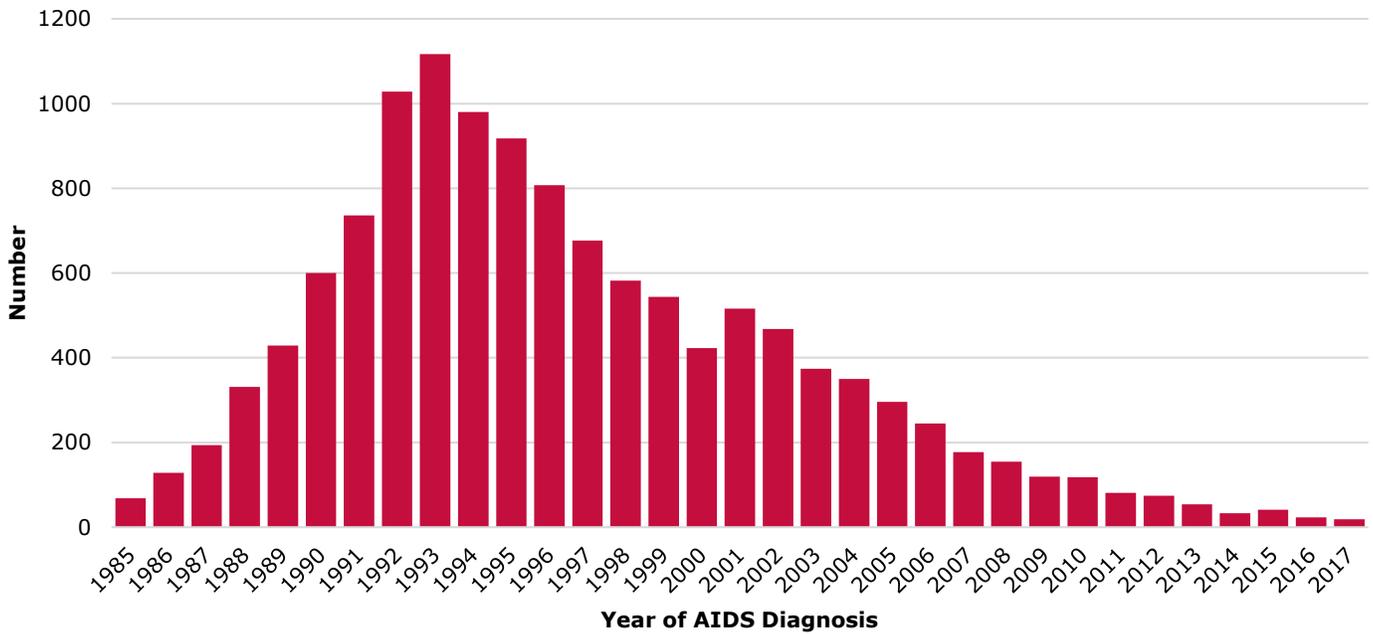


Reported HIV Diagnoses Among People Aged 13+									
Year of HIV Diagnosis	Reported AIDS Diagnoses				Percent with AIDS by Years After HIV Diagnosis				
	No.	No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years	
<1985	164	160	97.6%	7.2	33.5%	33.5%	37.2%	69.5%	
1985	320	289	90.3%	6.6	23.8%	25.9%	33.8%	74.7%	
1986	453	420	92.7%	5.7	32.5%	33.8%	45.5%	78.8%	
1987	568	524	92.3%	4.6	33.1%	36.6%	55.1%	83.3%	
1988	890	816	91.7%	3.8	37.5%	41.1%	63.9%	85.8%	
1989	1,144	1,036	90.6%	3.6	37.6%	43.4%	68.2%	83.6%	
1990	1,208	1,095	90.6%	3.1	43.8%	50.2%	72.9%	84.7%	
1991	1,356	1,207	89.0%	2.7	46.2%	55.9%	73.6%	84.1%	
1992	1,314	1,180	89.8%	2.6	50.2%	58.4%	75.3%	83.6%	
1993	1,228	1,098	89.4%	2.2	54.1%	62.7%	76.8%	84.9%	
1994	1,104	959	86.9%	2.3	53.4%	60.8%	73.7%	81.9%	
1995	1,050	918	87.4%	2.3	57.9%	63.2%	72.8%	82.4%	
1996	949	805	84.8%	2.1	57.6%	62.8%	70.8%	80.2%	
1997	1,010	818	81.0%	2.2	54.2%	59.5%	68.0%	75.6%	
1998	975	783	80.3%	2.2	54.3%	58.3%	66.7%	75.0%	
1999	893	693	77.6%	1.7	55.9%	60.7%	68.3%	74.6%	
2000	833	673	80.8%	2.0	55.2%	59.4%	69.3%	76.8%	
2001	910	731	80.3%	1.8	58.0%	61.4%	70.5%	76.2%	
2002	1,034	771	74.6%	2.0	52.6%	55.9%	63.7%	70.6%	
2003	901	663	73.6%	1.7	53.5%	57.2%	63.2%	70.4%	
2004	895	636	71.1%	1.8	49.9%	54.0%	61.0%	68.2%	
2005	931	604	64.9%	1.7	45.2%	48.7%	55.9%	63.2%	
2006	967	519	53.7%	2.2	33.6%	35.8%	44.1%	51.5%	
2007	844	409	48.5%	2.4	27.3%	30.6%	39.0%	46.7%	
2008	783	353	45.1%	2.2	25.4%	29.6%	37.7%	44.2%	
2009	599	254	42.4%	2.1	25.2%	28.2%	35.9%	--	
2010	592	238	40.2%	1.8	25.0%	28.0%	34.6%	--	
2011	422	167	39.6%	1.5	25.4%	29.9%	35.5%	--	
2012	432	158	36.6%	1.1	27.3%	29.2%	35.0%	--	
2013	367	128	34.9%	0.9	27.0%	28.6%	34.6%	--	
2014	307	92	30.0%	0.6	24.8%	27.4%	--	--	
2015	318	96	30.2%	0.5	24.5%	28.3%	--	--	
2016	277	75	27.1%	0.5	22.4%	25.6%	--	--	
2017	227	52	22.9%	0.3	20.7%	--	--	--	
<b>Total</b>	<b>26,265</b>	<b>19,420</b>	<b>73.9%</b>	<b>2.6</b>	<b>44.0%</b>	<b>48.8%</b>	<b>60.0%</b>	<b>69.6%</b>	

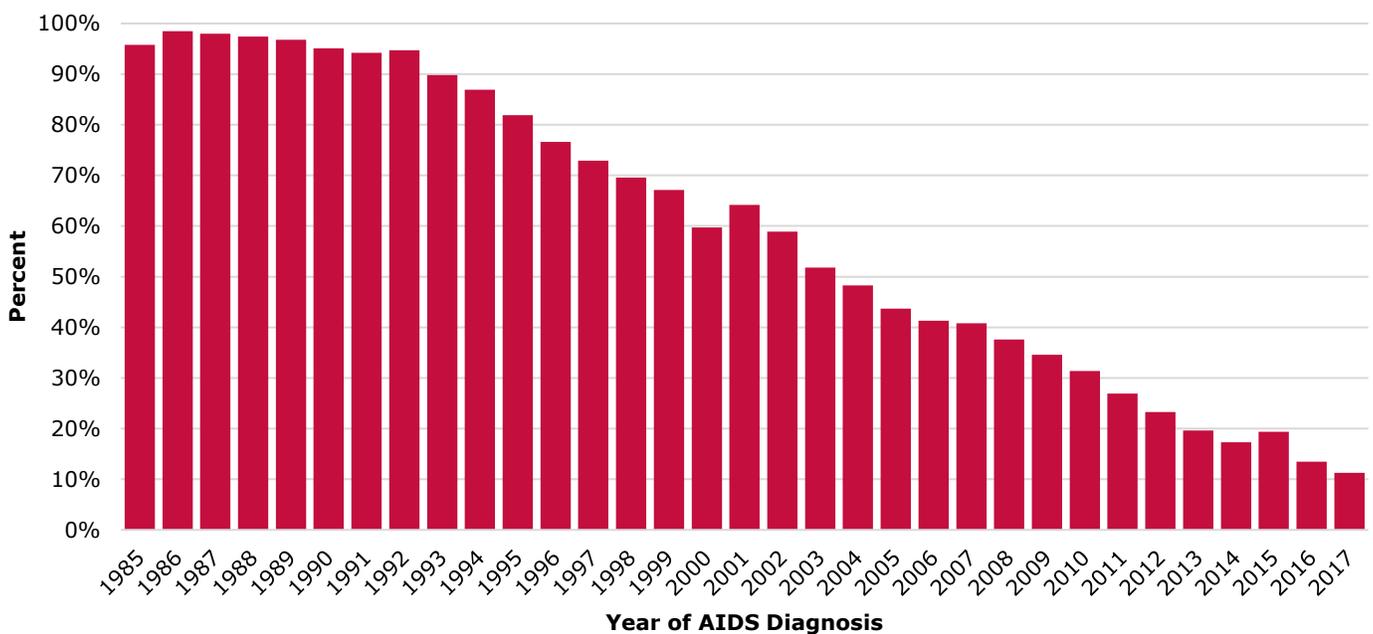
**Figure 13 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2017, Reported through June 30, 2019**

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis Among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2018 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) Among People Aged 13+ by December 31, 2018, the Average Years from AIDS Diagnosis to Death for People that have Died, and the Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses Among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2017, Reported through June 30, 2019

**Number Deceased by 12/31/2018**



**Percent Deceased by 12/31/2018**



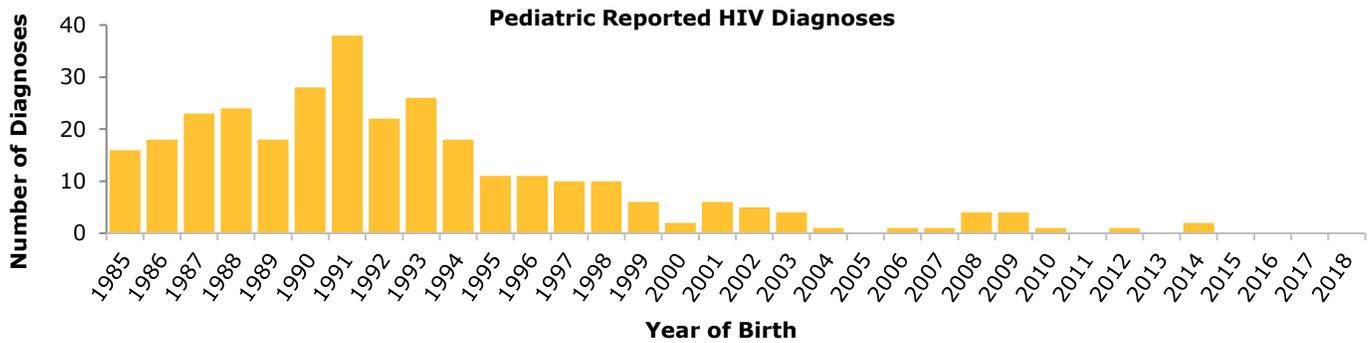
Year of AIDS Diagnosis	Reported AIDS Diagnoses Among People Aged 13+							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<b>&lt;1985</b>	57	53	93.0%	2.6	52.6%	33.3%	19.3%	15.8%
<b>1985</b>	71	68	95.8%	2.2	45.1%	29.6%	11.3%	8.5%
<b>1986</b>	130	128	98.5%	2.6	49.2%	30.8%	14.6%	10.0%
<b>1987</b>	198	194	98.0%	2.2	61.1%	34.3%	12.1%	5.1%
<b>1988</b>	340	331	97.4%	2.6	60.3%	39.7%	14.1%	7.4%
<b>1989</b>	443	429	96.8%	2.7	60.7%	38.6%	16.3%	8.4%
<b>1990</b>	631	600	95.1%	3.0	64.7%	45.6%	20.3%	11.7%
<b>1991</b>	781	736	94.2%	3.0	67.6%	46.4%	18.3%	12.2%
<b>1992</b>	1,086	1,028	94.7%	3.2	68.9%	48.5%	20.3%	13.6%
<b>1993</b>	1,244	1,117	89.8%	4.0	77.5%	56.3%	32.9%	20.5%
<b>1994</b>	1,128	980	86.9%	4.1	76.8%	57.4%	37.0%	22.7%
<b>1995</b>	1,121	918	81.9%	5.1	78.5%	65.7%	47.5%	32.8%
<b>1996</b>	1,054	807	76.6%	5.5	81.6%	74.1%	56.1%	38.8%
<b>1997</b>	929	677	72.9%	5.8	85.6%	76.7%	59.7%	42.5%
<b>1998</b>	836	582	69.6%	5.8	87.2%	79.9%	62.2%	44.9%
<b>1999</b>	811	544	67.1%	5.6	86.1%	78.5%	61.3%	46.6%
<b>2000</b>	709	423	59.7%	5.0	85.0%	79.1%	63.6%	50.2%
<b>2001</b>	804	516	64.2%	4.9	84.6%	76.1%	60.4%	47.0%
<b>2002</b>	795	468	58.9%	5.3	87.0%	80.4%	67.5%	53.3%
<b>2003</b>	722	374	51.8%	4.3	83.2%	77.3%	65.7%	56.0%
<b>2004</b>	724	350	48.3%	4.4	86.3%	80.7%	69.9%	58.6%
<b>2005</b>	677	296	43.7%	4.7	88.3%	83.5%	73.9%	64.0%
<b>2006</b>	593	245	41.3%	3.9	87.9%	82.5%	72.7%	62.1%
<b>2007</b>	434	177	40.8%	3.8	88.0%	84.3%	73.5%	60.8%
<b>2008</b>	412	155	37.6%	3.5	89.1%	83.5%	73.5%	63.3%
<b>2009</b>	344	119	34.6%	3.4	90.7%	85.8%	75.6%	--
<b>2010</b>	376	118	31.4%	3.2	89.9%	86.7%	79.0%	--
<b>2011</b>	301	81	26.9%	2.9	93.0%	89.0%	79.4%	--
<b>2012</b>	318	74	23.3%	2.2	89.3%	87.7%	80.2%	--
<b>2013</b>	275	54	19.6%	2.3	93.8%	90.5%	81.8%	--
<b>2014</b>	191	33	17.3%	1.0	88.5%	85.3%	--	--
<b>2015</b>	211	41	19.4%	1.0	88.2%	83.9%	--	--
<b>2016</b>	171	23	13.5%	0.5	90.1%	86.5%	--	--
<b>2017*</b>	168	19	11.3%	0.6	92.3%	--	--	--
<b>Total</b>	19,085	12,758	66.8%	4.2	80.7%	69.6%	52.9%	41.7%

\*2017 AIDS deaths are preliminary

## Section X – Pediatrics

**Figure 14 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2018, Reported through June 30, 2019**

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Children with Diagnosed HIV, Age <13 at HIV Diagnosis, and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2018, as Reported by Name through June 30, 2019



Year	Pediatric Reported HIV Diagnoses				Total Living Pediatric Diagnoses Alive on December 31 <sup>st</sup> of Each Year
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	
<1985	14	1	0	0	--
1985	16	5	4	1	8
1986	18	7	5	3	12
1987	23	12	7	5	21
1988	24	17	12	2	35
1989	18	21	13	3	55
1990	28	26	14	3	79
1991	38	28	20	8	101
1992	22	34	20	9	128
1993	26	37	22	10	154
1994	18	22	14	10	166
1995	11	14	12	9	171
1996	11	14	8	12	174
1997	10	7	4	4	175
1998	10	14	6	3	187
1999	6	13	5	4	196
2000	2	6	2	0	202
2001	6	8	7	3	206
2002	5	2	3	3	205
2003	4	2	1	2	205
2004	1	2	2	3	205
2005	0	0	1	0	206
2006	1	2	2	1	206
2007	1	15	5	3	218
2008	4	6	5	3	222
2009	4	3	1	0	225
2010	1	1	4	3	223
2011	0	1	3	2	222
2012	1	2	1	2	222
2013	0	0	8	0	220
2014	2	2	2	0	223
2015	0	0	1	2	220
2016	0	1	4	1	215
2017	0	0	0	2	212
2018	0	0	3	0	210
<b>Total</b>	<b>325</b>	<b>325</b>	<b>221</b>	<b>116</b>	<b>--</b>

**Table 21 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Jurisdiction of Current Residence, Reported through June 30, 2019**

<b>Jurisdiction of Current Residence</b>	<b>Total People Aged &lt;13 Living with Diagnosed HIV</b>	
	<b>No.</b>	<b>% of Total</b>
21201	2	15.4%
21206	1	7.7%
21213	1	7.7%
21215	2	15.4%
21218	2	15.4%
21223	2	15.4%
21225	1	7.7%
21229	1	7.7%
21231	1	7.7%
<b>Total</b>	<b>13</b>	<b>100.0%</b>

**Table 22 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2018, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2019**

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
<b>Sex at Birth</b>		
Male	4	30.8%
Female	9	69.2%
<b>Race/Ethnicity</b>		
<b>Hispanic</b>	0	0.0%
<b>Non-Hispanic</b>	13	100.0%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	12	92.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	1	7.7%
<b>Total</b>	13	100.0%

## Glossary of Terms

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of people living with diagnosed HIV on the specified date.

**Another Gender Identity:** All other gender identities or gender expressions.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

**CD4 With Test:** Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result.

**Corrections:** Residence in a state or federal prison. Does not include local jails and detention centers.

**Current Residence:** Jurisdiction of residence from the most recent report since January 1, 2009.

**First CD4 Test Result Median Count:** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**First CD4 Test Result Percent with Test:** Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

**Gender Expression:** People's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

**Gender Identity:** Refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

**Jurisdiction of Current Residence:** Jurisdiction of residence from the most recent report since January 1, 2009.

**Jurisdiction of Residence:** Jurisdiction of residence at diagnosis or current residence.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Late HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

**Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month or 3 months after their initial HIV diagnosis.

**People Aged 13+ Living with Diagnosed HIV:** Reported HIV diagnoses, age 13 years or older as of December 31<sup>st</sup> of the specified year and not reported to have died as of December 31<sup>st</sup> of the specified year.

**People Living with Diagnosed HIV:** Reported HIV diagnoses not reported to have died as of December 31<sup>st</sup> of the specified year.

**Mean Years from HIV Diagnosis:** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

**Mean Years from AIDS diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median Count:** Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

**Median Unsuppressed:** Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

**Percent Change:** The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

**Percent Suppressed:** Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal HIV Transmission Percent:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures by year of birth.

**Perinatal HIV Transmission Rate:** Number of confirmed perinatal HIV transmissions divided by the number of live births multiplied by 100,000 by year of birth.

**Population:** Population estimate for July 1, 2018.

**Population Age 13+:** Population age 13 years or older, estimate for July 1, 2018.

**Rate:** Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

**Ratio (1 in X):** Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result measured in the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result measured in the specified year.

**Reported AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Reported AIDS Diagnoses Among People Aged 13+:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Reported HIV Diagnoses Among People Aged 13+:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Residence at Diagnosis:** Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

**Retained in HIV Care:** HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

**Suppressed Viral Load:** HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

**Total People Aged 13+ Living with Diagnosed HIV:** Reported HIV diagnoses, age 13 years or older as of December 31<sup>st</sup> of the specified year not reported to have died as of December 31<sup>st</sup> of the specified year.

**Total People Aged <13 Living with Diagnosed HIV:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Total People Living with Diagnosed HIV:** Reported HIV diagnoses not reported to have died as of December 31<sup>st</sup> of the specified year.

**Transgender Female:** A person whose sex assigned at birth is male but who identify as a woman.

**Transgender Male:** A person whose sex assigned at birth is female but who identify as a man.

**Viral Load With Test:** Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.

**Women of Childbearing Age Living with Diagnosed HIV:** Reported HIV diagnoses among women of childbearing age (13-49 years old).